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1875 - 1959
**WHOLESALE
BULLETIN
NO. 2**

WITH GRADE COUNTS

April 8, 1959

OFFERING A LARGE ASSORTMENT
OF
GENERAL NURSERY STOCK

Order Now

PHONES 383 - 384 - 385

*Superior Quality and
Service Since 1875*



ESTABLISHED 1875

Mount Arbor Nurseries

• SHENANDOAH IOWA •

Terms and Conditions of Sale

TERMS—These terms are offered to those with established credit. One percent discount if paid on or before tenth of following month from date of invoice, and is due net thereafter. Otherwise, cash, security, or satisfactory references.

C. O. D. orders must be accompanied by one-fourth cash.

Interest charged on past due accounts.

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS OR BULK TRUCKS.

PRICES—named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

**FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS
(INCLUDING PEONIES AND BULBS):**

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class (except Patented Varieties) allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP:

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rates

Under 300 of same variety and grade at 100 rate

EVERGREENS, B & B:

30 trees (any assortment) at 100 rate

Under 30 trees (any assortment) at 10 rate

Note:—Classification as given above is understood to be as listed under general heading in price list.

BROKEN LOTS—The Wholesale Prices in this list apply for wholesale quantities. Please order in such multiples as to avoid breaking bundles.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. **ALL GOODS TRAVEL AT THE PURCHASER'S RISK AND EXPENSE.**

TRUCK SERVICE—We are able to offer service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or

name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

CLAIMS for any cause must be made promptly upon receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.



MOUNT ARBOR NURSERIES

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that **THE CALIPER SHALL GOVERN.**

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

		APPLE and CRAB		Per 10	Per 100	Per 1000
First Class, 11-16 to 7-8 inch, 4½ feet and up.....				\$ 9.50	\$ 90.00	\$850.00
" "	9-16 to 11-16, 4 feet and up.....			8.50	80.00	-----
" "	7-16 to 9-16, 3 feet and up.....			6.50	60.00	-----
" "	5-16 to 7-16, 2 feet and up.....			4.00	35.00	-----
" "	7-8 inch and up, 5 feet and up.....			11.00	100.00	-----
		11/16"	9/16"	7/16"	5/16"	7/8"
Anoka	500	150	20			600
Chestnut	100	50	---			60
Cortland	600	130	---			250
Delicious Dark Red	1800	800	100	40		800
Delicious Yellow	900	200	120	100		1100
Duchess Red	240	150	---			80
Early Harvest	200	70	---			190
Fameuse	170	20	---			470
Fireside	600	100	---			400
Grimes Golden	600	200	---			600
Haralson	500	100	---			---
Hawkeye Greening	130	---	---			80
Hyslop	600	160	20			800
Idared	600	100	---			---
Jonathan	990	300	---			350
Jonathan Dark Red	600	200	---			500
Lakeland	120	---	---			---
Lodi	600	100	---			600
Mantet	160	---	---			---
McIntosh	120	---	---			340
McIntosh Black Mickey	990	200	---			800
Minjon	300	120	---			380
Northern Spy	220	80	---			550
N. W. Greening	370	---	---			240
Oriole	260	40	---			200
Prairie Spy	420	110	---			290
Red Astrachan	140	20	---			160
Red June	310	60	---			360
Red Van Buren	400	100	---			600
Redwell	320	40	40			520
R. I. Greening	130	10	---			90
Rome Beauty, Gallia Beauty	620	60	---			430
Rome Beauty, Ruby Red	---	---	---			120
Secor	310	---	20			140
Sharon	60	---	---			---
Stayman Red	340	---	---			450
Stayman Winesap	60	10	40			110
Turley	220	20	---			340
Victory	60	40	---			130
Wealthy	---	---	340			---
Whitney	740	180	---			640
Winesap Crimson	870	160	60			280
Yellow Transparent	630	120	---			680

APPLE-WHIPS

		Per 10	Per 100	Per 1000
4 to 5 feet, whips.....		\$ 7.00	\$ 65.00	\$ -----
3 to 4 feet, whips.....		6.00	55.00	-----
2 to 3 feet, whips.....		4.50	40.00	-----
		4/5'	3/4'	2/3'
Delicious Dark Red		170	220	460
Delicious Yellow		40	220	260
Jonathan Dark Red		---	---	70
McIntosh		---	---	150
Wealthy		110	220	40
Winesap Crimson		90	360	200

APPLES—Continued

CENTENNIAL CRAB (No. 1472)

(Baccata Columnaris)

New introduction by the Minnesota State Fruit Breeding Farm, Dolgo x Wealthy. Tree small, branches horizontal. Flowers white. Fruit of excellent quality, bright red over yellow, up to 2 inches in size, bearing over a long season starting in late August. This variety promises to be used a great deal, both as a fruiting crab and an ornamental. Excellent for Columnar screens.

		Per 10 Each	Per 100 Each
430	Two years, 11/16 inch and up, 5 feet and up.....	\$ 1.40	\$ 1.35
210	" " 9/16 to 11/16 inch, 4 feet and up.....	1.25	1.20
160	" " 7/16 to 9/16 inch, 3 feet and up.....	1.00	.95

CONNELL RED

Patent No. 1602

Discovered at Menominee, Wisconsin as a Red Sport of Fireside. Starts bearing early. Fruit medium to large, good quality, matures late and stores exceptionally well.

		Suggested Retail Price EACH	Wholesale Prices		
			Each 10-29	Each 30-100	Each 100 or more
600	Two Years, 11/16 inch and up..	\$ 3.00	\$ 1.65	\$ 1.50	\$ 1.40
200	" " 9/16 to 11/16 inch..	2.50	1.32	1.20	1.12

JONADEL

Iowa State College Introduction

(Jonathan x Delicious)

Fruit similar in shape to Jonathan, but larger. Skin smooth and firm and color cherry-red to dark red. It is crisp and juicy, with milder flavor than Jonathan. Stores well from January to March and does not get mealy. Tree appears to be blight resistant.

		Suggested Retail Price EACH	Wholesale Prices	
			Per 10	Per 100
160	Two Years, 7/16 to 9/16 inch.....	\$ 1.90	\$ 10.00	\$ 90.00
80	" " 5/16 to 7/16 inch.....	1.50	6.50	60.00

MULTIPLE APPLE

Shenandoah Grown

We offer the following combination Apple, all Shenandoah Grown Trees. They were dormant budded Summer 1957 on the side limbs of 2 year trees so buds have one full year's growth.

		Per 10	Per 100	Per 1000
2100	Quintuplet, Three Yrs., 9-16 and up, 5 ft. and up.....	\$17.50	\$165.00	\$ -----
1400	Quadruplet " " " " " " " " " ".....	13.00	120.00	-----
COMBINATION NO. 1				
On Red Delicious				
Red Jonathan				
Beacon				
Winesap Crimson				
Yellow Delicious				
Yellow Transparent				

APPLES—Continued

DELCON

A true semi-dwarf Apple tree—12 ft.

Produces full size dark red fruit similar in shape to Delicious but without knobs. A naturally dwarf variety. Flavor is a combination of its parents, Jonathan and Delicious. Developed, tested and approved by Mo. State Experiment Station. Hardy wherever Red Delicious is successful.

		Per 10	Per 100	Per 1000
800	Two Years, 11-16 inch and up, 4½ feet and up	\$13.00	\$120.00	\$ ----
300	" " 9-16 to 11-16, 4 feet and up	10.00	90.00	----
140	" " 7-16 to 9-16, 3 feet and up	7.50	70.00	----

OKANOMA RED

(Trade Mark Registered)

(Semi-Dwarf)

A SEMI-DWARF sport of Red Delicious. Needs very little pruning. Grows fruit closer in on the tree, on heavy wood and will carry a heavier load without breaking.

This tree is easily thinned, requires less spray material because of open habit. Fruit hangs on tree five to ten days longer than other Red Delicious.

		Per 10	Per 100
30	Two Year, 11-16 inch and up, 4½ feet and up, branched	\$13.00	\$120.00
370	" " 9-16 to 11-16, 4 feet and up, branched	10.00	90.00
320	" " 7-16 to 9-16, 3 feet and up, branched	7.50	70.00
390	" " 5-16 to 7-16, 2 feet and up	5.50	50.00

CHERRIES — Sour — On Mahaleb

		Per 10	Per 100	Per 1000
1400	One Year, 11-16 and up, 3 feet and up	\$12.00	\$110.00	\$1000.00
800	" " 9-16 to 11-16, 2½ feet and up	9.50	90.00	850.00
700	" " 7-16 to 9-16, 2 feet and up	8.00	75.00	700.00
500	" " 5-16 to 7-16, 18 inches and up	5.50	50.00	450.00

Montmorency

CHERRIES — Sweet

		Per 10	Per 100	Per 1000
One Year on Mahaleb				
11-16 and up, 4½ feet and up, mostly branched		\$14.00	\$125.00	\$ ----
7-16 to 9-16, 3 feet and up, branched and whips		9.00	85.00	----
5-16 to 7-16, 2½ feet and up, mostly whips		6.50	60.00	----
		11/16"	7/16"	5/16"
Black Tartarian				800
Napoleon		220	940	----

HANSEN'S BUSH CHERRY

		Per 10	Per 100	Per 1000
800	Improved besseyi, 2 to 3 feet, transplants	\$ 4.00	\$ 35.00	\$ ----
1400	" " 18 to 24 inches, "	3.20	28.00	----
700	" " 12 to 18 inches, "	2.40	20.00	----

NANKING CHERRY

(PRUNUS TOMENTOSA)

Very hardy variety, remarkably showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

		Per 10	Per 100	Per 1000
1800	2 to 3 feet	\$ 5.50	\$ 50.00	\$450.00
3000	18 to 24 inches	4.50	40.00	350.00
2100	12 to 18 inches	2.90	25.00	220.00

PEAR — Standard

	Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up	\$11.00	\$100.00	\$900.00
" " " " 9-16 to 11-16, 4 feet and up	9.00	85.00	-----
" " " " 7-16 to 9-16, 3 feet and up	7.50	70.00	-----
" " " " 5-16 to 7-16, 2 feet and up	5.00	45.00	-----
" " " " 7-8 inch and up, 5 feet and up	13.00	120.00	-----
	11/16"	9/16"	7/16"
Bartlett		360	-----
Beurre Bosc	70	20	25
Clapps Favorite	590	340	180
Douglas	990	110	20
Duchess	120	50	20
Kieffer	990	460	60
Lincoln	990	160	-----
Orient	300	50	-----
Parker	130	-----	-----
Patten	350	-----	-----
Seckel	210	310	-----

PEAR-WHIPS

	Per 10	Per 100	Per 1000
One and Two Years, 5 to 6 feet, whips	\$ 9.00	\$ 85.00	\$ -----
" " " " 4 to 5 feet, "	7.50	70.00	-----
" " " " 3 to 4 feet, "	5.00	45.00	-----
	5/6'	4/5'	3/4'
Bartlett	-----	240	380
Kieffer	180	290	100

MAX-RED BARTLETT

Plant Patent No. 741

A new sport of Bartlett Pear that originated in the Northwest. The fruit carries a good all-over red color, keeps longer and ripens in regular Bartlett season. High quality.

	Per 10	Per 100
60 One and Two Yrs., 5-16 to 7-16, Mostly Branched, 2 ft. and up	\$6.50	\$ 60.00
90 " " " " 4 to 5 feet, whips	8.00	75.00
160 " " " " 3 to 4 feet, whips	6.50	60.00

PEAR — Dwarf

	Per 10	Per 100	Per 1000
Two Years, 5-16 to 7-16 inch	\$ 8.00	\$ 75.00	\$ -----
" " 4 to 5 feet, whips	11.00	100.00	-----
" " 3 to 4 feet, whips	8.00	75.00	-----
	5/16"	4/5'	3/4'
Bartlett	560	60	70
Duchess	360	20	30
Kieffer	160	-----	-----
Seckel	140	-----	-----

PLUM

	Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up.....	\$11.00	\$100.00	\$-----
" " " " 9-16 to 11-16, 4 feet and up.....	9.00	85.00	-----
" " " " 7-16 to 9-16, 3 feet and up.....	7.50	70.00	-----
" " " " 5-16 to 7-16, 2 feet and up.....	5.00	45.00	-----

EUROPEAN, One and Two Years, on Myrobolan, all branched.

	11/16"	9/16"	7/16"	5/16"
Italian Prune	140	60	---	---
Lombard	20	20	20	---
Stanley	990	990	---	160

JAPANESE

Burbank	120	70	20
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PLUM

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up.....	\$11.00	\$100.00	\$-----
" " 9-16 to 11-16, 4 feet and up.....	9.00	85.00	-----
" " 7-16 to 9-16, 3 feet and up.....	7.50	70.00	-----
" " 5-16 to 7-16, 2 feet and up.....	5.00	45.00	-----

	11/16"	9/16"	7/16"	5/16"
Ames # 200	---	---	---	100
Compass	---	---	60	20
LaCrescent	---	---	60	20
Oka	40	50	40	200
Red Coat	---	---	---	40
Red Wing	---	---	---	60
Sapa	---	70	20	80
Sapalta	---	130	---	60
Superior	---	---	---	300
Toka	---	---	---	120

NECTARINES

One Year, 11-16 inch and up, 4½ feet and up	Per 10	Per 100	Per 1000
" " 9-16 to 11-16, 4 feet and up	\$12.00	\$-----	\$-----
" " 7-16 to 9-16, 3 feet and up	10.00	90.00	-----
" " 5-16 to 7-16, 2 feet and up	7.50	70.00	-----
	5.00	45.00	-----
	11/16"	9/16"	7/16"
Fire Globe	30	40	40
Sure Crop	10	40	10
			220

APRICOT TREES

Grown from selected seed secured from Chinese Apricot bearing orchards of the Northwest.

	Per 10	Per 100	Per 1000
600 Two Years, 5-16 to 7-16 inch, 2 feet and up.....	\$ 2.90	\$ 25.00	\$220.00

SMALL FRUITS

GRAPE VINES—Western New York Grown

Tied, No. 1, 50; No. 2, 100 per bundle

		Per 100	Per 1000
100	Agawam (Roger's 15) large, red, 2 years, No. 1	\$19.00	\$
200	" " " " 2 years, No. 2	14.00	
200	Beta, black, 2 years, No. 2	14.00	
3000	Concord, black, 2 years, No. 1	18.00	150.00
2000	" " 2 years No. 2	14.00	120.00
700	Niagara, white, 2 years, No. 1	19.00	160.00
300	" " 2 years, No. 2	15.00	125.00
300	Ontario, green, 2 years, No. 1	22.00	200.00
800	" " 2 years, No. 2	18.00	150.00
400	Portland, green, 2 years, No. 2	18.00	150.00

GOOSEBERRIES

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
2200	Carrie, dark red, 2 years, No. 1	\$30.00	\$270.00
300	" " " 2 years, No. 2	25.00	220.00
100	Downing, pale-green, 2 years, No. 2	28.00	
4400	Houghton, dark-red, 2 years, No. 1	28.00	250.00
2000	" " 2 years, No. 2	22.50	200.00
300	Pixwell, dark-red, 2 years, No. 2	25.00	

CURRANTS

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
500	Red Lake, light, red, 2 years, No. 2	\$16.00	\$140.00

RASPBERRIES

Tied 25 per bundle

		Per 100	Per 1000
2800	Black Hawk, black tips	\$14.00	\$120.00
2200	Cumberland, black tips	7.50	65.00
4700	Indian Summer, red, everbearing, suckers, No. 1	10.00	85.00
2300	Latham, red, suckers, No. 1	9.00	80.00
1700	Morrison, black tips	8.00	70.00
600	Sodus, purple tips	8.50	75.00

BLACKBERRIES — Root Cutting Plants, No. 1

Tied 25 per bundle

		Per 100	Per 1000
300	Ebony King	\$14.00	\$110.00

MISCELLANEOUS BERRIES

Tied 25 per bundle

		Per 100	Per 1000
300	Lucretia Dewberries, tips, No. 1	\$ 5.00	\$ 45.00

MISCELLANEOUS

		Per 100	Per 1000
8000	Asparagus, Mary Washington, 2 year	\$ 2.90	\$ 25.00
3000	" " " 1 year	1.90	16.00
4000	" " " 3 year	4.00	35.00
12000	" Paradise, 2 year	2.90	25.00
6000	" " 1 year	1.90	16.00
6000	" " 3 year	4.00	35.00
9000	Horseradish, Cutting	4.00	35.00
4700	" Crowns	7.50	65.00
3000	Rhubarb, Victoria, whole roots, 1/2 to 5/8 inch	4.50	40.00
5000	" " " 5/8 to 1 inch	7.00	60.00
4000	" " " 1 to 1 1/2 inch	8.50	75.00
850	" " " 1 1/2 inch and up	12.00	100.00

FRUIT TREE STOCKS

WESTERN GROWN—UNDER IRRIGATION—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown Apple Seedlings for our grafting and for budding stocks. Also use the other varieties of western grown Fruit Tree Stocks for our own budding.

APPLE SEEDLINGS—Washington Grown

Our Washington Grown Apple Seedlings are making a splendid growth and will be of excellent quality. They will be dug when well ripened, carefully graded, and will please.

	Per 100	Per 1000
6000 ¼ inch and up, Branched, heavy.....	\$ 4.50	\$ 40.00
8000 No. 1, 3/16 to ¼ inch, Branched, strong	4.10	36.00
30000 Grafted grade 2/16 and up.....	3.20	28.00

HOPA CRAB—Washington Grown

24000 ¼ inch and up	6.00	55.00
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PEAR SEEDLINGS—Washington Grown

BARTLETT

39000 ¼ inch and up, Branched, heavy.....	4.50	40.00
3000 ¼ inch and up, Straight, heavy.....	4.50	40.00
8000 No. 1, 3/16 to ¼ inch, Branched.....	4.10	36.00
6000 No. 2, 2/16 to 3/16, Branched.....	3.20	28.00
4000 No. 2, 2/16 to 3/16, Straight.....	3.20	28.00
4000 No. 3, about 2/16 inch.....	2.40	20.00

CALLERYANA

3500 No. 1, 3/16 to ¼ inch.....	5.50	50.00
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SEROTINA

4200 ¼ inch and up.....	6.00	55.00
1600 No. 2, 2/16 to 3/16 inch.....	5.00	45.00
1000 No. 3, about 2/16 inch.....	4.00	35.00

PLUM NATIVE—Shenandoah Grown

21000 ¼ inch and up.....	4.50	40.00
36000 No. 1, 3/16 to ¼ inch.....	4.00	35.00
41000 No. 2, 2/16 to 3/16 inch.....	2.90	25.00
19000 No. 3, about 2/16 inch.....	2.10	18.00

ROSE STOCKS

Multiflora Japonica

We offer the following Thorny Multiflora Japonica Seedlings for spring shipment only. These seedlings are grown from seed collected from types adapted for hardiness and hedge fences.

	Per 100	Per 1000
3000 3/8 inch and up	\$ 6.00	\$ 55.00
6000 ¼-inch and up.....	5.00	45.00
2000 No. 1, 3-16 to 1-4 inch.....	4.00	35.00
6000 No. 2, 2-16 to 3-16 inch.....	2.90	25.00
10000 No. 3, about 2-16 inch.....	2.10	18.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

AMELANCHIER CANADENSIS, Juneberry

		Per 100	Per 1000
4500	6 to 12 inches	\$ 6.50	\$ 55.00
2500	12 to 18 inches	9.00	80.00

ASH, GREEN, *Fraxinus lanceolata*

3000	6 to 12 inches	1.40	12.00
14000	12 to 18 inches	2.40	20.00
6000	18 to 24 inches	3.20	28.00
4000	2 to 3 feet	4.00	35.00

ASH, WHITE, *Fraxinus americana*

2000	6 to 12 inches	1.40	12.00
9000	12 to 18 inches	2.40	20.00
8000	18 to 24 inches	3.20	28.00
5000	2 to 3 feet	4.00	35.00

BOX ELDER, *Acer negundo*

5000	6 to 12 inches	1.40	12.00
5000	12 to 18 inches	2.40	20.00
6000	18 to 24 inches	3.20	28.00
3000	2 to 3 feet	4.00	35.00
800	3 to 4 feet	5.60	50.00

CARAGANA arborescens. Siberian Pea-Tree

2800	6 to 12 inches	2.10	18.00
5000	12 to 18 inches	3.50	30.00
4000	18 to 24 inches	4.50	40.00
3000	2 to 3 feet	6.50	55.00

CATALPA speciosa, Western Catalpa

8000	6 to 12 inches	1.40	12.00
9000	12 to 18 inches	2.40	20.00
8000	18 to 24 inches	3.20	28.00
2600	2 to 3 feet	4.00	35.00

CARYA ILLINOENSIS, Hardy Pecan

2000	9 to 12 inches	8.00	75.00
2000	12 to 18 inches	11.00	100.00

COTONEASTER ACUTIFOLIA, Peking Cotoneaster

5000	18 to 24 inches	8.00	75.00
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ELM, AMERICAN WHITE, *Ulmus americana*

6000	6 to 12 inches	1.40	12.00
8000	12 to 18 inches	2.40	20.00
5000	18 to 24 inches	3.20	28.00
900	2 to 3 feet	4.00	35.00
3000	3 to 4 feet	7.00	60.00
500	4 to 5 feet	10.00	90.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

ELM, CHINESE, *Ulmus pumila*

We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade will be spring dug.

		Per 100	Per 1000
16000	6 to 12 inches.....	\$ 1.40	\$ 12.00
7000	2 to 3 feet.....	4.50	40.00
8000	3 to 4 feet.....	7.50	65.00
1300	4 to 5 feet.....	12.00	100.00
600	5 to 6 feet.....	19.00	160.00
700	6 to 8 feet.....	28.00	250.00

HACKBERRY *Celtis occidentalis*

5000	6 to 12 inches.....	1.80	15.00
5000	12 to 18 inches.....	2.90	25.00
5000	18 to 24 inches.....	4.50	40.00
3000	2 to 3 feet.....	7.00	60.00
1000	3 to 4 feet.....	10.00	90.00

LOCUST, BLACK or YELLOW, *Robinia psuedoacacia*

1900	6 to 12 inches.....	1.40	12.00
4000	2 to 3 feet.....	4.00	35.00
4000	3 to 4 feet.....	5.60	50.00

LOCUST HONEY, *Gleditsia triacanthos*

600	6 to 12 inches.....	1.20	10.00
2000	12 to 18 inches.....	2.10	18.00
4000	18 to 24 inches.....	3.20	28.00
3500	2 to 3 feet.....	4.00	35.00
1000	3 to 4 feet.....	7.00	60.00

LOCUST HONEY, Thornless, *Gleditsia triancanthos inermis*

7000	6 to 12 inches.....	1.70	14.00
9000	12 to 18 inches.....	2.60	22.00
11500	18 to 24 inches.....	3.50	30.00
6000	2 to 3 feet.....	5.00	45.00

MAPLE AMUR, *Acer ginnala*

3000	12 to 18 inches.....	5.60	50.00
1800	18 to 24 inches.....	7.50	65.00

MAPLE SILVER LEAVED, *Acer dasycarpum (saccharinum)*

7000	6 to 12 inches.....	2.10	18.00
4500	12 to 18 inches.....	3.20	28.00
7000	18 to 24 inches.....	4.50	40.00

MULBERRY, Russian, *Morus tatarica*

14000	6 to 12 inches.....	1.40	12.00
6000	12 to 18 inches.....	2.40	20.00
2000	18 to 24 inches.....	3.20	28.00
8000	2 to 3 feet.....	4.00	35.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

		Per 100	Per 1000
OAK PIN, <i>Quercus palustris</i>			
3000	9 to 12 inches	\$ 7.00	\$ 60.00
7000	12 to 18 inches	9.00	80.00
6000	18 to 24 inches	14.00	120.00
2000	2 to 3 feet	22.50	200.00
OSAGE ORANGE, <i>Maclura pomifera</i>			
500	6 to 12 inches	1.40	12.00
2500	12 to 18 inches	2.40	20.00
300	18 to 24 inches	3.20	28.00
1200	2 to 3 feet	4.00	35.00
PRUNUS JAPONICA, Korean Cherry			
3000	9 to 12 inches	4.50	40.00
6000	12 to 18 inches	5.50	50.00
3000	18 to 24 inches	7.00	65.00
1000	2 to 3 feet	9.00	80.00
PRUNUS MELONOCARPA, Chokecherry			
9000	12 to 18 inches	6.00	55.00
5000	18 to 24 inches	7.00	65.00
3000	2 to 3 feet	9.00	80.00
PRUNUS PADUS, Mayday Tree			
5000	12 to 18 inches	6.00	55.00
3000	18 to 24 inches	7.50	70.00
PRUNUS SEROTINA, Wild Black Cherry			
1000	12 to 18 inches	4.50	40.00
2000	18 to 24 inches	6.50	60.00
6000	2 to 3 feet	9.00	80.00
2000	3 to 4 feet	11.00	100.00
PRUNUS TOMENTOSA, Nanking Cherry			
9000	2 to 3 feet	14.00	120.00
RHUS COTINUS, Purple Fringe			
1000	9 to 12 inches	9.00	80.00
2500	12 to 18 inches	12.00	100.00
2000	18 to 24 inches	16.00	140.00
1200	2 to 3 feet	22.50	200.00
SILVERBERRY, <i>Elaeagnus argentea</i>			
4000	9 to 12 inches	4.00	35.00
400	12 to 18 inches	5.00	45.00
1200	18 to 24 inches	7.50	70.00
1100	2 to 3 feet	11.00	100.00

SYRINGA VULGARIS, Lilac Common

		Per 100	Per 1000
3000	6 to 9 inches	\$ 3.50	\$ 30.00
4000	9 to 12 inches	5.00	45.00
8000	12 to 18 inches	6.50	60.00

WALNUT BLACK, Juglans nigra

1000	18 to 24 inches	7.00	60.00
2000	2 to 3 feet	9.00	80.00

ONE YEAR FROM CUTTINGS**POPLAR, Populus**

		Per 100	Per 1000
1600	Carolina, whips, 5 to 6 feet	\$18.00	\$150.00
2200	" " 6 to 8 feet	29.00	250.00
3400	Lombardy, whips, 2 to 3 feet	7.00	60.00
4000	" lightly branched, 4 to 5 feet	14.00	120.00
9000	" " " 5 to 6 feet	21.00	180.00
7000	" " " 6 to 8 feet	29.00	250.00

WILLOW LAUREL LEAVED, salix pentandra

500	3 to 4 feet	7.00	60.00
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WILLOW RUSSIAN GOLDEN, salix vitelliana aurea

1400	2 to 3 feet	5.50	50.00
1100	3 to 4 feet	7.00	60.00
350	4 to 5 feet	10.00	90.00

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ASH, American White, *Fraxinus Americanus*. 50-60 ft.

Tall growing, valuable tree for street and park planting.

		Per 10	Per 100	Per 1000
300	4 to 5 feet.....	\$ 8.00	\$ 75.00	\$.....
360	5 to 6 feet.....	11.00	100.00	.....
200	6 to 8 feet.....	17.50	160.00	.....
130	8 to 10 feet.....	25.00	225.00	.....

Green, *Fraxinus pennsylvanica lanceolata*. 70-80 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

270	4 to 5 feet.....	8.00	75.00	.....
480	5 to 6 feet.....	11.00	100.00	.....
240	6 to 8 feet.....	17.50	160.00	.....

BIRCH, Cutleaf Weeping, *Betula pendula laciniata*. 30-40 ft.

A graceful white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

120	7 to 8 feet.....	30.00	275.00	.....
400	8 to 9 feet.....	37.50	350.00	.....

European White, *Betula pendula (alba)*. 30-40 ft.

A hardy attractive tree with white bark.

500	5 to 6 feet.....	16.50	150.00	.....
500	6 to 8 feet.....	22.00	200.00	.....
200	8 to 10 feet.....	30.00	275.00	.....

BOX ELDER, See Maple.

CHERRY, Kwanzan. 10-15 ft.

Beautiful double, dark pink, late flowers. Planted freely in the east and south.

590	5 to 6 feet.....	32.50	300.00	.....
150	6 to 8 feet.....	37.50	350.00	.....

CHESTNUT

Chinese, *castanea mollissima*, 30 to 40 feet.

Blight resistant variety recommended both for hardiness and large nuts.

300	18 to 24 inches.....	7.00	65.00	.....
380	2 to 3 feet.....	11.00	100.00	.....
450	3 to 4 feet.....	16.50	150.00	.....
50	4 to 5 feet.....	22.00	200.00	.....

COTTONWOOD, See Poplar.

DECIDUOUS TREES—Continued

HOPA RED FLOWERING CRAB

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruits red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

	Per 10	Per 100	Per 1000
380 2 to 3 feet	\$ 5.50	\$ 50.00	\$
200 3 to 4 feet.....	7.50	70.00	.....

CRAB, Flowering Malus. 15-30 ft.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$ 5.50	\$ 50.00	\$
3 to 4 feet.....	9.00	85.00	.....
4 to 5 feet.....	13.50	125.00	.....

floribunda, Japanese Flowering Crab. 12-15 ft.

Pink buds, rosy-white flowers, small yellow fruit. Early.

floribunda purpurea, Purple Crab. 15-20 ft.

Attractive red foliage in spring. Single crimson flowers. Dark purple fruit.

Mount Arbor Special. 18-20 ft.

This desirable flowering crab produces an abundance of crimson flowers, purple fruit, with brilliant reddish-purple foliage, brighter in color than other varieties.

	4/5'	3/4'	2/3'
floribunda	30	60	60
floribunda purpurea	--	--	50
Mount Arbor Special	--	20	20

RECENT INTRODUCTIONS

ROSY BLOOM VARIETIES

	Per 10	Per 100	Per 1000
2 to 3 feet	\$11.00	\$	\$
2 to 3 feet, whips.....	7.00	65.00	.....
3 to 4 feet.....	13.50	125.00	.....
3 to 4 feet, whips.....	11.00	100.00	.....
4 to 5 feet.....	16.50	150.00	.....
4 to 5 feet, whips	13.50	125.00	.....
5 to 6 feet, whips	16.50	150.00	.....
6 to 7 feet, whips	19.00	175.00	.....
5 to 6 feet.....	19.00	175.00	.....
6 to 7 feet	22.00	200.00	.....

DECIDUOUS TREES—Continued

CRAB, FLOWERING—Continued

Almey, 15-20 ft.

Large blossoms of glistening red petals, white markings at base of each, giving the effect of a five pointed star. Usually blossoms the same year planted. The scarlet fruits are retained till spring, furnishing food for winter birds. Green foliage.

Cowichan, 18-20 ft.

Early. Blooms profusely each year and bears a good crop of spectrum-red fruits. Foliage is brilliantly colored in autumn. Light colored flowers.

Irene, 12-15 ft.

A sister to Crimson Brilliant, with similar very dark foliage and similar colored single flowers. Tree more dwarf in form.

Makamik, 15-20 ft.

Purplish-red flowers followed by purplish-red fruit. One of the best of the Canadian Rosyblossoms.

Sundog, 15-20 ft.

Carmine buds fading to large pink, tints of mauve shading flowers. Fruit dark red. Columnar habit of growth but will spread with age.

	6/7'	5/6'	4/5'	3/4'	2/3'
Almey, whips	20	130	50	80	--
Cowichan	--	160	--	--	40
Irene	--	60	300	--	150
Makamik	--	200	130	130	70
Sundog	--	--	--	80	100
Sundog, whips	--	--	25	60	70

CENTENNIAL CRAB (No. 1472)**(Baccata Columnaris)**

New introduction by the Minnesota State Fruit Breeding Farm, Dolgo x Wealthy. Tree small, branches horizontal. Flowers white. Fruit of excellent quality, bright red over yellow, up to 2 inches in size, bearing over a long season starting in late August. This variety promises to be used a great deal, both as a fruiting crab and an ornamental. Excellent for columnar screens.

	Per 10 Each	Per 100 Each
430 Two years, 11/16 inch and up, 5 feet and up	\$ 1.40	\$ 1.35
210 " " 9/16 to 11/16 inch, 4 feet and up	1.25	1.20
160 " " 7/16 to 9/16 inch, 3 feet and up	1.00	.95

CRAB RADIANT**Minnesota No. 6-C**

This new introduction of the State Fruit Breeding Farm promises to be a valuable addition to the ornamental crab list. A very compact, symmetrical growing tree. Blooms are good red and fruit is small, bright red, hanging on to the tree well.

	Per 10	Per 100
100 2 to 3 feet	\$12.50	\$100.00
20 3 to 4 feet	17.50	150.00
20 4 to 5 feet	22.50	200.00
30 6 to 7 feet	27.50	--

DECIDUOUS TREES—Continued

CRAB, FLOWERING—Continued

FLOWERING CRAB SHRUB FORM

The following varieties are available in shrub or bush form. They are excellent plants for landscape planting or for listing in mail order catalogues.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 7.50	\$ 70.00	\$ ----
4 to 5 feet	14.00	125.00	-----
5 to 6 feet	17.50	150.00	-----
	5/6'	4/5'	2/3'
Eley	---	180	170
Hopa	1040	300	80

CRAB, Bechtel Malus, ioensis plena. 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

	Per 10	Per 100	Per 1000
60 18 to 24 inches	\$ 5.50	\$ 50.00	\$ ----
180 2 to 3 feet	7.00	65.00	-----

Bechtel, Klehm's Improved. 15-18 ft.

An improved strain of Bechtel crab. Slightly faster grower, larger leaves and not so susceptible to cedar rust.

40 3 to 4 feet	11.00	100.00	-----
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ELM, American White, Ulmus americana. 60-100 ft.

The most popular American tree for street and general planting.

200 5 to 6 feet	8.00	75.00	-----
300 6 to 8 feet	12.00	110.00	-----
700 8 to 10 feet	18.00	165.00	1500.00
1900 1¼ to 1½ inches	25.00	225.00	2000.00
1700 1½ to 1¾ inches	35.00	325.00	3000.00
1600 1¾ to 2 inches	42.50	400.00	3750.00
360 2 to 2½ inches	52.50	500.00	-----

AUGUSTINE ASCENDING. 60-80 ft.

A new variety receiving wide publicity for its pyramidal habit of growth. Excellent for parkway and lawn plantings. Propagated under license from the Augustine Ascending Elm Research Association, Inc.

	10-99 Each	100-249 Each	250 up Each
270 4 to 5 feet	\$ 1.75	\$ 1.50	\$ ----
200 5 to 6 feet	2.50	2.25	-----

Chinese Ulmus pumila, Siberian Elm. 50-75 ft.

A hardy, rapid grower, slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

	Per 10	Per 100	Per 1000
300 4 to 5 feet	\$ 4.00	\$ 35.00	\$ ----
700 5 to 6 feet	7.00	65.00	600.00
600 6 to 8 feet	11.00	100.00	900.00
1400 8 to 10 feet	15.50	135.00	1250.00
540 1¼ to 1½ inches	22.00	200.00	-----
620 1½ to 1¾ inches	32.50	300.00	-----
230 1¾ to 2 inches	40.00	375.00	-----
80 2 to 2½ inches	45.00	400.00	-----

DECIDUOUS TREES—Continued

ELM—Continued

English, *ulmus campestris* (procera). 80-100 ft.

This is the most stately of the European Elms. Often planted as an avenue tree. Succeeds very well in most areas. Foliage remains green several weeks longer than that of the American Elm. NOT SUSCEPTIBLE TO PHLOEM

NECROSIS DISEASE.	Per 10	Per 100	Per 1000
200 4 to 5 feet.....	\$ 9.00	\$ 85.00	\$.....
300 5 to 6 feet.....	11.00	100.00	.....
200 6 to 8 feet.....	16.50	150.00	.....
50 8 to 10 feet.....	22.00	200.00	.....
60 1¼ to 1½ inches.....	30.00	275.00	.....
80 1½ to 1¾ inches.....	37.50	350.00	.....
50 1¾ to 2 inches.....	47.50	450.00	.....
50 2 to 2½ inches.....	52.50	500.00	.....

Hybrid. 40-60 ft.

Cross of Chinese and American Elm. Growth similar to American but rapid growth of Chinese Elm. Branches straight and strong, do not break in high winds. Large dark green leaves. Very hardy.

200 3 to 4 feet.....	8.00	75.00	.....
300 4 to 5 feet.....	10.00	90.00	.....

Lake City. 70-90 ft.

Upright, closely branched type of American Elm, large green leaves, larger than Moline, suitable for street and boulevard planting. Highly recommended.

100 5 to 6 feet.....	11.00	100.00	.....
150 6 to 8 feet.....	16.50	150.00	.....
150 8 to 10 feet.....	22.00	200.00	.....
40 1¼ to 1½ inches.....	30.00	275.00	.....
50 1½ to 1¾ inches.....	37.50	350.00	.....
50 1¾ to 2 inches.....	47.50	450.00	.....
25 2 to 2½ inches.....	57.50	.....	.....

Moline, *Ulmus molini*. 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

500 5 to 6 feet.....	11.00	100.00	.....
600 6 to 8 feet.....	16.50	150.00	1350.00
300 8 to 10 feet.....	22.00	200.00	1800.00
400 1¼ to 1½ inches.....	30.00	275.00	.....
100 1½ to 1¾ inches.....	37.50	350.00	.....
150 1¾ to 2 inches.....	47.50	450.00	.....
140 2 to 2½ inches.....	57.50	550.00	.....

Vase, *Ulmus urni*. 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

200 6 to 8 feet.....	16.00	150.00	.....
600 8 to 10 feet.....	22.00	200.00	.....
700 1¼ to 1½ inches.....	30.00	275.00	.....
400 1½ to 1¾ inches.....	37.50	350.00	.....
290 1¾ to 2 inches.....	47.50	450.00	.....
20 2 to 2½ inches.....	57.50	.....	.....

DECIDUOUS TREES—Continued

HACKBERRY, *Celtis occidentalis*. 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

	Per 10	Per 100	Per 1000
100 4 to 5 feet.....	\$ 8.00	\$ 75.00	\$ ----
240 5 to 6 feet.....	12.00	110.00	----
200 6 to 8 feet.....	22.00	200.00	----
140 8 to 10 feet.....	30.00	275.00	----
15 1¾ to 2 inches.....	57.50	----	----
10 2 to 2½ inches.....	65.00	----	----

HONEYLOCUST Thornless, *Gleditsia triacanthus inermis*. 50-60 ft.

A thornless tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most kind of soil. Not affected by borers or drought.

100 5 to 6 feet.....	16.50	150.00	----
180 6 to 8 feet.....	25.00	225.00	----

HONEYLOCUST, *Gleditsia triacanthus*. 50-60 ft.

THORNEY type of the popular locust tree.

20 4 to 5 feet.....	6.00	----	----
60 5 to 6 feet.....	9.00	85.00	----
50 6 to 8 feet.....	16.50	150.00	----
70 8 to 10 feet.....	25.00	225.00	----

IMPERIAL LOCUST

(Patent No. 1605)

An exceptionally graceful, spreading variety that is destined for recognition as one of the outstanding trees of this age. Branches are symmetrically arranged, forming a much more regular and compact tree than other Honeylocusts. It grows straight and strong without staking and produces a dense and uniform crown with a minimum of trimming in the nursery.

	10-29 Each	30-99 Each	100-299 Each
600 3 to 4 feet, whips.....	\$ 1.85	\$ 1.65	\$ 1.45
100 4 to 5 feet, whips.....	2.00	1.80	1.60
150 4 to 5 feet, branched.....	2.60	2.30	2.05

MAJESTIC LOCUST

(Patent No. 1534)

A strong, graceful tree of spreading growth habit, Majestic is much more regular and compact than the ordinary Honeylocust. It is entirely thornless and grows straight without staking.

	10-29 Each	30-99 Each	100-299 Each
50 6 to 8 feet, 2 years, branched.....	\$ 3.65	\$ 3.25	\$ ----
120 8 to 10 feet, 2 years, branched.....	4.85	4.50	----

DECIDUOUS TREES—Continued

HONEYLOCUST—Continued

MORaine LOCUST

(Plant Patent No. 836)

This new shade tree, developed by The Siebenthaler Company, is thornless and seedless. Resistant to disease and insect damage. Absence of seed pods and the quick crumbling of Moraine Locust leaves make this tree ideal from the garden maintenance standpoint.

ONE YEAR TOP, 3 YEAR ROOT, ONCE TRANSPLANTED.

	10-49 Each	50-249 Each	250-up Each
690 3 to 4 feet, whips.....	\$ 1.55	\$ 1.30	\$ 1.20
400 4 to 5 feet, whips.....	1.90	1.65	1.50
300 6 to 7 feet, branched.....	3.35	3.00	2.70
250 7 to 8 feet, branched.....	4.00	3.60	3.25
230 8 to 9 feet, branched.....	4.90	4.45	4.00

SKYLINE LOCUST

(Patent No. 1619)

A stately and unusual variety with distinctive pyramidal form. It develops an exceptionally strong, sturdy trunk and shapely crown without being staked or specially trimmed.

	10-29 Each	30-99 Each	100-299 Each
600 3 to 4 feet, whips.....	\$ 1.85	\$ 1.65	\$ 1.45
300 4 to 5 feet, whips.....	2.00	1.80	1.60
150 5 to 6 feet, whips.....	2.30	2.05	1.85
50 4 to 5 feet, branched.....	2.60	2.30	2.05
200 5 to 6 feet, branched.....	3.00	2.70	2.40
100 6 to 7 feet, branched.....	3.60	3.20	2.85
100 7 to 8 feet, branched.....	4.10	3.70	3.30

SUNBURST LOCUST

Patent No. 1313

(Gleditsia triacanthos inermis aurea)

Bright golden-bronze foliage limited to 8 to 10 inches of the branch tips. Free of thorns and seedless. Tree is well formed, symmetrical and broadly pyramidal with excellent spreading branch habit.

	10-29 Each	30-99 Each	100-299 Each
200 2 to 3 feet, whips.....	\$ 1.50	\$ 1.30	\$ 1.10

LABURNUM vossii, Golden Chain. 18-20 ft.

Small tree producing yellow pea-shaped flowers in long racemes.

	Per 10	Per 100	Per 1000
20 5 to 6 feet.....	\$21.00	\$	\$
20 6 to 8 feet.....	25.00	.....	.....
35 8 to 10 feet.....	32.50	.....	.....
13 1½ to 1½ inches.....	40.00	.....	.....

DECIDUOUS TREES—Continued

LINDEN, American, *Tilia americana*. 60-90 ft.

Rapid growing tree. Large, glossy leaves, fragrant, yellow flowers. June.

	Per 10	Per 100	Per 1000
40 3 to 4 feet.....	\$ 6.50	\$.....	\$.....
70 8 to 10 feet.....	33.00	.....	.....

pyramidalis, Pyramidal American Linden. 60-70 ft.

100 2 to 3 feet, whips.....	6.50	50.00	.....
120 3 to 4 feet, whips.....	9.00	85.00	.....
70 4 to 5 feet, whips.....	13.00	110.00	.....
210 6 to 8 feet.....	28.00	250.00	.....

Black, acer *saccharinum nigrum*, 70 to 80 feet.

Large tree with black bark. Leaves generally three lobed, 5-6 inches across; the sides of the blade mostly drooping, green and pubescent beneath.

100 5 to 6 feet.....	28.00	250.00	.....
180 6 to 8 feet.....	37.50	350.00	.....
200 8 to 10 feet.....	50.00	450.00	.....

Box Elder, *Acer Negundo*. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

80 5 to 6 feet.....	8.00	75.00	.....
20 6 to 8 feet.....	11.00	100.00	.....
10 8 to 10 feet.....	14.00	.....	.....

Norway, *Acer platanoides*. 50-60 ft.

Hardy, popular tree. Fine for park and street planting. Spreading habit.

140 3 to 4 feet, whips.....	4.00	35.00	.....
200 4 to 5 feet, whips.....	5.50	50.00	.....
400 5 to 6 feet, whips.....	8.00	75.00	700.00
800 6 to 7 feet, whips.....	10.00	90.00	850.00
900 7 to 8 feet, whips.....	12.50	110.00	1000.00
180 6 to 8 feet, branched.....	28.00	250.00	.....
400 8 to 10 feet, branched.....	32.50	300.00	.....
160 1¼ to 1½ inches.....	40.00	375.00	.....
350 1½ to 1¾ inches.....	50.00	475.00	4500.00
90 1¾ to 2 inches.....	65.00	600.00	5500.00

Norway *columnaris*, *Acer platanoides columnaris*. 40-50 ft.

Columnar form of the popular Norway Maple.

50 7 to 8 feet, whips.....	22.50	.....	.....
60 8 to 9 feet, whips.....	26.00	.....	.....
25 9 to 10 feet, whips.....	29.00	.....	.....
20 8 to 10 feet, branched.....	42.50	400.00	.....
80 1¼ to 1½ inches.....	47.50	450.00	.....

Norway Variegated, *Acer platanoides variegata*. 30-40 ft.

Attractive form of the popular Norway Maple with attractive variegated foliage.

30 3 to 4 feet, whips.....	11.00	.....	.....
100 5 to 6 feet, whips.....	15.50	140.00	.....
20 4 to 5 feet, branched.....	27.50	.....	.....
20 5 to 6 feet, branched.....	32.50	.....	.....
40 6 to 8 feet, branched.....	37.50	.....	.....
15 8 to 10 feet, branched.....	42.50	.....	.....

DECIDUOUS TREES—Continued

MAPLE—Continued

Schwedler, *Acer platanoides schwedleri*. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring.

		Per 10	Per 100	Per 1000
150	6 to 7 feet, whips.....	\$21.00	\$190.00	\$
120	7 to 8 feet, whips.....	25.00	225.00	.....
160	8 to 9 feet, whips.....	30.00	275.00	.....
300	5 to 6 feet, branched.....	22.00	200.00	.....
400	6 to 8 feet, branched.....	32.50	300.00	.....
150	8 to 10 feet, branched.....	40.00	375.00	.....

Silver, *Acer saccharinum (dasycarpum)*. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

900	8 to 10 feet.....	22.00	200.00	1750.00
800	1½ to 1½ inches.....	28.00	250.00	2250.00
600	1½ to 1½ inches.....	35.00	325.00	300.00
40	1½ to 2 inches.....	42.50	400.00	.....

CRIMSON KING MAPLE

(Acer Platanoides schwedleri nigra)

Plant patent No. 735

A great improvement over the Schwedleri Maple. In the spring Crimson King carries richer purple foliage, and this color is retained until leaves drop in the fall. Perfectly hardy. Not as rapid a grower as Schwedleri.

		10-49 Each	50-99 Each	100-499 Each	500-999 Each
200	3 to 4 feet, whips.....	\$1.35	\$ 1.15	\$ 1.05	\$.95
290	6 to 7 feet, whips.....	2.60	2.30	2.10	1.95
220	7 to 8 feet, whips.....	3.15	2.85	2.65	2.45
300	4 to 5 feet, branched.....	3.40	2.95	2.60	.....
500	5 to 6 feet, branched.....	4.60	3.60	3.20	.....

MAPLE Sugar, *Acer saccharum*. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

		Per 10	Per 100	Per 1000
125	2 to 3 feet, whips.....	\$ 4.50	\$ 40.00	\$
350	3 to 4 feet, whips.....	7.00	65.00	.....
400	4 to 5 feet, whips.....	13.00	110.00	.....
400	5 to 6 feet.....	25.00	225.00	.....
600	6 to 8 feet.....	33.00	300.00	.....

Wier, *acer saccharinum wieri*

Cutleaved silver maple 60 to 80 feet. Graceful drooping limbs with cut leaves.

10	5 to 6 feet.....	25.00	.....	.....
10	6 to 8 feet.....	33.00	.....	.....

DECIDUOUS TREES—Continued**MOUNTAIN ASH, *European sorbus aucuparia*. 20-40 ft.**

A valuable ornamental tree with scarlet berries. August-September.

		Per 10	Per 100	Per 1000
170	3 to 4 feet.....	\$14.00	\$125.00	\$.....
120	5 to 6 feet.....	22.00	200.00	-----
200	8 to 10 feet.....	35.00	325.00	-----

OAK, Pin, *Quercus palustris*. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more rapidly than most varieties.

300	4 to 5 feet.....	16.50	150.00	-----
300	5 to 6 feet.....	22.00	200.00	-----
900	6 to 8 feet.....	33.00	300.00	-----
1600	8 to 10 feet, 1¼ to 1½ inches.....	45.00	400.00	-----
300	1½ to 2 inches.....	60.00	550.00	-----

POPLAR, Bolleana, *alba bolleana*, Silver Leaved. 50-60 ft.

A rapid growing columnar tree with silvery foliage.

100	4 to 5 feet, whips.....	4.50	40.00	-----
400	5 to 6 feet, whips.....	6.50	60.00	-----
300	6 to 8 feet, whips.....	10.00	90.00	-----
700	5 to 6 feet.....	10.00	90.00	-----
300	6 to 8 feet.....	14.00	125.00	-----

Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

200	4 to 5 feet.....	3.50	30.00	-----
700	5 to 6 feet.....	5.50	50.00	-----
800	6 to 8 feet.....	8.00	75.00	-----

Cottonwood, Cottonless. 75-100 ft.

Much preferred over the common species of western cottonwood, because it does not develop seeds.

200	4 to 5 feet.....	5.00	45.00	-----
400	5 to 6 feet.....	7.00	65.00	-----
700	6 to 8 feet.....	10.00	90.00	-----
600	8 to 10 feet.....	15.50	140.00	-----
120	1½ to 1¾ inches.....	22.00	200.00	-----

Cottonwood, Cottonless Laceleaf. *Acuminata coloradoensis*. 60-80 ft.

Tree slender, with smooth light bark. Attractive tree with leaves long-acuminate and somewhat drooping.

100	3 to 4 feet.....	2.90	25.00	-----
200	4 to 5 feet.....	5.50	50.00	-----
40	5 to 6 feet.....	7.50	70.00	-----

DECIDUOUS TREES—Continued

POPLAR—Continued

Lombardy, nigra italica. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

	Per 10	Per 100	Per 1000
600 4 to 5 feet, low branched.....	\$ 2.90	\$ 25.00	\$ ----
900 5 to 6 feet, " "	4.40	38.50	350.00
1400 6 to 8 feet, " "	6.00	55.00	500.00
2100 8 to 10 feet, " "	7.00	65.00	600.00
1600 1½ to 1½ inches, low branched.....	8.00	75.00	650.00
900 1½ to 1½ inches, " "	11.00	100.00	900.00
150 1½ to 2 inches.....	14.00	125.00	----

NEW VARIETIES

We have selected the following varieties of Poplar as outstanding for street and shade tree planting in sections where large variety selections are not adapted. These new varieties are of the *Populus nigra* family and do well in hot, arid sections.

	Per 10	Per 100	Per 1000
5 to 6 feet.....	\$ 7.00	\$ 65.00	\$ ----
6 to 8 feet.....	10.00	90.00	----
8 to 10 feet.....	15.50	140.00	----
1½ to 1½ inches.....	22.00	200.00	----

Poplar, deltoides missouriensis

Large bright green leaves. More upright growth and desirable for street or parkway planting.

gelrica

Large dull green leaves, spreading habit of growth. New growth is bright greenish brown.

marilandica

Largest leaves of the new varieties, light green. More moderate grower with bright green new growth. Spreading habit.

serotina

Smaller bright green leaves measuring 4 to 5 inches. New growth showing distinct reddish brown color. Spreading habit and fast grower. Cottonless.

	1½-2"	8-10'	6-8'	5-6'
deltoides missouriensis	20	420	480	200
gelrica	20	240	370	160
marilandica	10	310	280	200
serotina	50	610	680	410

Silver, White Poplar, alba. 50-60 ft.

Well known as Silver Poplar, spreading habit, leaves woolly white underneath. Very hardy. Succeeds in cold dry climate.

	Per 10	Per 100	Per 1000
40 8 to 10 feet.....	\$16.50	\$150.00	\$ ----

Theve, Populus nigra thevestina. 50-60 ft.

Hardy form of the popular Lombardy variety. Considered longer lived. Very pyramidal. Leaves larger than Lombardy.

20 1½ to 1½ inches.....	14.00	----	----
20 1½ to 2 inches.....	17.50	----	----

PRUNUS, Ornamental Plum.

cistena, Hansen's Purple Leaved Plum. 5-6 ft.

(Budded on Native Plum)

A dwarf variety with rich purple red foliage. Bush form.

400 9 to 12 inches.....	2.90	25.00	----
100 4 to 5 feet.....	14.00	125.00	----

DECIDUOUS TREES—Continued

PRUNUS—Continued

Hansen Bush Cherry. 6-7 ft.

An improved *Prunus besseyi*; very productive and extremely hardy.

		Per 10	Per 100	Per 1000
700	12 to 18 inches, transplants, branched	\$ 2.40	\$ 20.00	\$ -----
1400	18 to 24 inches, " "	3.20	28.00	-----
800	2 to 3 feet, " "	4.00	35.00	-----

Newport, purple Leaved. 15-20 ft.

Hardy upright grower. Foliage reddish purple with bright red tips.

(Budded on Native Plum)

75	2 to 3 feet, whips	4.00	35.00	-----
125	3 to 4 feet, whips	6.50	60.00	-----
30	4 to 5 feet, whips	11.00	100.00	-----
1100	12 to 18 inches (Shrub Form)	4.00	35.00	320.00
400	18 to 24 inches " "	6.50	60.00	550.00

Padus commutata, May Day Tree. 18-20 ft.

Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

60	12 to 18 inches	4.50	40.00	-----
110	18 to 24 inches	6.50	60.00	-----
140	2 to 3 feet	8.50	80.00	-----
60	3 to 4 feet	11.00	100.00	-----

thundercloud. 10-12 ft.

The finest of all purple leaf plum. Very hardy.

(Budded on Native Plum)

130	12 to 18 inches	4.00	35.00	-----
400	18 to 24 inches	6.50	60.00	-----

tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkably showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

2100	12 to 18 inches	2.90	25.00	220.00
3000	18 to 24 inches	4.50	40.00	350.00
2100	2 to 3 feet	5.50	50.00	450.00

triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

(Budded on Native Plum)

480	9 to 12 inches	2.40	20.00	175.00
720	12 to 18 inches	4.00	35.00	320.00

DECIDUOUS TREES—Continued**RED BUD, *Cercis canadensis*. 20-30 ft.**

Very attractive, rosy pink almost red flowers in April.

	Per 10	Per 100	Per 1000
250 12 to 18 inches.....	\$ 2.90	\$ 25.00	\$ ----
540 18 to 24 inches.....	4.00	35.00	----
230 2 to 3 feet.....	6.50	60.00	----
280 4 to 5 feet.....	15.00	135.00	----
200 5 to 6 feet.....	19.00	160.00	----

SYCAMORE or American Planetree, *Platanus occidentalis*. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

100 5 to 6 feet.....	11.00	100.00	----
100 8 to 10 feet.....	28.00	250.00	----
260 1¼ to 1½ inches.....	32.50	300.00	----
190 1½ to 1¾ inches.....	40.00	375.00	----
110 1¾ to 2 inches.....	47.50	450.00	----

THORN, mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

80 5 to 6 feet.....	35.00	325.00	----
30 6 to 8 feet.....	55.00	----	----

Pauls Scarlet Hawthorn, *Oxycantha pauli*. 15-20 ft.

Produces brilliant double scarlet flowers in June.

80 3 to 4 feet.....	14.00	125.00	----
200 4 to 5 feet.....	19.00	175.00	----

Prunifolia, Plumleaf Hawthorn. 30 ft.

Branches spreading or somewhat ascending, spiny. Fruit, red. May-June.

40 4 to 5 feet.....	27.50	250.00	----
110 5 to 6 feet.....	35.00	325.00	----
80 6 to 8 feet.....	55.00	500.00	----

WALNUT CARPATHIAN

(Grown from Seed)

Hardy as far north as North Dakota withstanding temperatures as low as 35 degrees below zero. English Walnut variety of good size fruit often bearing as young as five years.

	Per 10	Per 100
700 12 to 18 inches.....	\$11.00	\$100.00

WILLOW, *Salix***babylonica, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

	Per 10	Per 100	Per 1000
210 4 to 5 feet.....	\$ 5.50	\$ 50.00	\$ ----
290 5 to 6 feet.....	10.00	90.00	----
490 6 to 8 feet.....	14.00	125.00	1100.00

DECIDUOUS TREES—Continued

WILLOW—Continued

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit.
Very attractive golden bark. Light green flowers in April.

		Per 10	Per 100	Per 1000
530	3 to 4 feet	\$ 4.00	\$ 35.00	\$320.00
450	4 to 5 feet	5.50	50.00	-----
620	5 to 6 feet	10.00	90.00	-----
420	6 to 8 feet	14.00	125.00	-----
200	1½ to 1¾ inch	30.00	275.00	-----
40	1¾ to 2 inch	35.00	-----	-----

Pussy, *Salix discolor*. 20-25 ft.

Popular Willow on account of catkins in March-April before leaves.

200	12 to 18 inches	2.10	18.00	-----
210	18 to 24 inches	2.90	25.00	-----
920	2 to 3 feet	4.00	35.00	300.00
460	3 to 4 feet	5.50	50.00	450.00
340	4 to 5 feet	8.50	75.00	700.00

Russian Golden, *Salix vitellina aurea*. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

100	4 to 5 feet	3.50	30.00	-----
200	5 to 6 feet	5.50	50.00	-----
150	6 to 8 feet	9.00	80.00	-----

Wisconsin Weeping, *Salix blanda*. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

420	6 to 8 feet	14.00	125.00	1100.00
630	8 to 10 feet	19.00	175.00	1600.00
300	1¼ to 1½ inches	25.00	225.00	-----
40	1½ to 1¾ inches	30.00	275.00	-----

ORNAMENTAL SHRUBS

Our Shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land with plenty of room to develop well finished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX sieboldianus (Pentaphyllum), Five leaf Aralia. 10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

excellent on rocky banks and slopes.	Per 10	Per 100	Per 1000
400 18 to 24 inches.....	\$ 4.00	\$ 35.00	\$330.00
930 2 to 3 feet.....	5.50	50.00	450.00

ALMOND, Pink Flowering, *Prunus glandulosa rosea*. 5-6 ft.

April-May.

300	9 to 12 inches, Own Root	2.10	18.00	-----
140	12 to 18 inches, " "	3.50	30.00	-----
260	18 to 24 inches, " "	5.00	45.00	-----
200	2 to 3 feet, " "	6.00	55.00	-----
180	3 to 4 feet, " "	8.00	75.00	-----

ORNAMENTAL SHRUBS—Continued

ALTHEA, *Hibiscus syriacus*. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red, and white.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 2.90	\$ 25.00	\$
18 to 24 inches.....	4.00	35.00	.....
2 to 3 feet.....	5.00	45.00	.....
d-Double	s-Single		
	2-3'	18-24"	12-18"
Anemonaeflorus, d. pink	420	820	90
Ardens, d. purple	610	990	300
Boule de Feu, d. red		1100	420
*Coelestris, s. blue	90	130	
Jean d' Arc, d. white		480	340
Lucy, d. red		720	
Rubis, s. red	230	130	50

*Starred variety available 18/24 inches and 2/3 feet grades only, 10¢ higher per grade.

AMELANCHIER, *canadensis* Juneberry (Downy Shadblow). 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

470 12 to 18 inches.....	4.00	35.00	300.00
80 3 to 4 feet.....	8.50	80.00	.....

ARONIA *arbutifolia* brilliantissima, Brilliant Chokeberry. 8 ft.

Similar to red type with more brilliant berries.

60 12 to 18 inches.....	4.50	40.00	.....
110 18 to 24 inches.....	6.00	55.00	.....
220 2 to 3 feet.....	7.00	65.00	.....
80 3 to 4 feet.....	8.50	80.00	.....

BARBERRY, *Berberis***Crimson Pygmy Barberry, *thunbergi atropurpurea nana*. 1 to 1½ ft.**

Deep red foliage on an extremely dense low plant. 2 and 3 years field grown.

	Per 10	Per 100	Per 1000
100 4 to 6 inches, well furnished bushy plants	\$ 4.50	\$ 40.00	\$
200 6 to 9 inches, " " " "	6.00	55.00	.....

Roots will be wrapped in sphagnum moss.

***thunbergi* Common Barberry. 4-5 ft.**

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

	Per 10	Per 100	Per 1000
1600 12 to 15 inches.....	\$ 2.80	\$ 24.00	\$220.00
2600 15 to 18 inches.....	3.20	28.00	250.00
2300 18 to 24 inches.....	4.00	35.00	300.00
240 2 to 2½ feet.....	5.00	45.00	.....

Our Barberry Thunbergi are 2 and 3 year heavy, well furnished transplants that will please the most critical trade. Write for special quotations on quantity lots.

See Hedging for Seedlings and smaller grades.

***thunbergi erecta*, Tru hedge Columnberry.**

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage.

420 15 to 18 inches.....	3.50	30.00	.....
700 18 to 24 inches.....	4.50	40.00	.....
200 2 to 2½ feet.....	6.00	55.00	.....

ORNAMENTAL SHRUBS—Continued

thunbergi nana. Globe Barberry, 3-4 ft.

Low, slow growing, compact sport of well known hardy Barberry. Its compact, tight growth makes a trim appearance without shearing. Foliage better than its parent with bright red berries.

	Per 10	Per 100	Per 1000
100 6 to 9 inches.....	\$ 4.00	\$ 35.00	\$-----
50 9 to 12 inches.....	5.50	50.00	-----
100 12 to 15 inches.....	6.50	60.00	-----
60 15 to 18 inches.....	8.00	75.00	-----

BARBERRY—Continued**Red Leaved, Berberis atropurpurea. 3-6 ft.**

Variety of Japanese Barberry with bright red foliage.

	Per 10	Per 100	Per 1000
240 12 to 15 inches.....	\$ 4.00	\$ 35.00	\$-----
1100 15 to 18 inches.....	5.00	45.00	400.00
3100 18 to 24 inches.....	6.00	55.00	500.00
1800 2 to 2½ feet.....	7.00	65.00	600.00
320 2½ to 3 feet.....	8.00	75.00	-----

BERBERIS MENTORENSIS

(Sun or shade—ultimate height 5 ft.)

Barberry mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

	Per 10	Per 100	Per 1000
270 9 to 12 inches.....	\$ 2.90	\$ 25.00	\$-----
200 12 to 15 inches.....	4.50	40.00	-----

BOXWOOD, Buxus microphylla koreana, Korean Boxwood. 2 ft.

One of the hardiest varieties of Boxwood. Recommended for planting on North or East exposure. This variety has proven hardy here with some protection. We recommend SPRING SHIPMENT. These are 3 and 4 year old field grown, well furnished, bushy plants.

	Per 10	Per 100	Per 1000
140 4 to 6 inches, well furnished, bushy plants.....	\$ 6.00	\$ 55.00	\$-----
320 6 to 9 inches, " " " ".....	10.00	90.00	-----
210 9 to 12 inches, " " " ".....	16.50	150.00	-----

Roots will be wrapped in sphagnum moss.

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.

We are growing most of our Buddleia in California where soil and climatic conditions are ideal for producing strong, well rooted plants that are properly matured. You will like them.

Charming

Long sprays covered with lavender-pink blooms which compared to other varieties are distinctly pink. Has exceptional value for house decoration.

	Per 10	Per 100	Per 1000
400 Medium.....	\$ 3.20	\$ 28.00	\$250.00
1100 No. 1.....	3.80	33.00	300.00

Dubonnet

A new dark wine dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size that do not sunburn.

	Per 10	Per 100	Per 1000
1100 Medium.....	3.20	28.00	250.00
1600 No. 1.....	3.80	33.00	300.00

Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

	Per 10	Per 100	Per 1000
1400 Medium.....	3.20	28.00	250.00
2700 No. 1.....	3.80	33.00	300.00

ORNAMENTAL SHRUBS—Continued**BUDDLEIA—Continued****Orchid Beauty**

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

		Per 10	Per 100	Per 1000
300	Medium	\$ 3.20	\$ 28.00	\$250.00
800	No. 1	3.80	33.00	300.00

BURGUNDY

A Mount Arbor introduction—A new Buddleia of merit. Strong, upright growing plant produces an abundance of well rounded flower trusses often measuring 18 inches in length. The individual florets open practically all at the same time. The color is "Burgundy Wine-red" that is even more brilliant in sunlight in the garden or where used as a cut flower under artificial light.

		Per 10	Per 100	Per 1000
300	No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$.....

EMPIRE BLUE

(Patent No. 557)

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with delicate lilac tone, the whole effect being an exquisite shade of blue.

		Per 10	Per 100	Per 1000
2100	No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

(Retail 75¢ each, \$7.50 per doz.)

PINK DAWN

A Mount Arbor introduction — cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire summer and autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

		Per 10	Per 100	Per 1000
1600	No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

ROYAL RED

(Patent No. 556)

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

		Per 10	Per 100	Per 1000
2800	No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

(Retail 75¢ each, \$7.50 per doz.)

ORNAMENTAL SHRUBS—Continued

BUDDLEIA—Continued

SNOWBANK

A Mount Arbor introduction. This new white Buddleia produces fully round and compact sprays measuring 10 to 15 inches in length and carries an abundance of deep, dark green foliage.

	Per 10	Per 100	Per 1000
250 No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$-----

WHITE BOUQUET

(Patent No. 536)

A new white Buddleia carrying 8-inch spikes of fully rounded-out blooms. Splendid for cut flower purposes.

	Per 10	Per 100	Per 1000
1100 No. 1, dormant plants, field grown.....	\$ 4.50	\$ 40.00	\$300.00
(Retail at 85¢ each, \$8.50 per doz.)			

CALYCANTHUS floridus, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

	Per 10	Per 100	Per 1000
140 12 to 18 inches.....	\$ 3.50	\$ 30.00	\$-----

CARAGANA arborescens, Siberian Peashrub. 12-15 ft.

Very hardy. Yellow flowers in May-June.

340 12 to 18 inches.....	2.50	22.00	-----
740 18 to 24 inches.....	3.50	30.00	-----
600 2 to 3 feet.....	4.50	40.00	-----

CARYOPTERIS, Blue Mist (Hardy Blue Spirea). 18-24 inch.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate and slightly toothed and silvery green in color. Hardy.

460 Medium	2.90	25.00	220.00
400 No. 1	4.00	35.00	300.00

CARYOPTERIS HEAVENLY BLUE

(Patent No. 1091)

Deep blue colored selection of the well known Blue Mist. Upright in growth and more dwarf than its parent. One shrub will produce 30 or more beautiful deep blue flower spikes, a rare color particularly in the autumn garden.

	Per 10	Per 100	Per 1000
1600 No. 1	\$ 8.50	\$ 60.00	\$550.00

CHAENOMELES, See Cydonia

CORNUS, Dogwood

alba sibirica, Siberian Dogwood. 10-12 ft.

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

	Per 10	Per 100	Per 1000
600 2 to 3 feet.....	\$ 6.00	\$ 55.00	\$500.00
1100 3 to 4 feet.....	7.50	70.00	650.00
100 4 to 5 feet.....	9.00	80.00	-----

baileyi, Bailey Dogwood. 8-10 ft.

Improved strain of sibirica with brighter red bark.

300 2 to 3 feet.....	6.00	55.00	500.00
800 3 to 4 feet.....	7.50	70.00	650.00

ORNAMENTAL SHRUBS—Continued

CORNUS—Continued

florida, Flowering Dogwood. 15-20 ft.

A short tree with white flowers and colorful fall foliage. Bright red fruit in the fall.

	Per 10	Per 100	Per 1000
120 2 to 3 feet.....	\$14.00	\$125.00	\$ -----

florida rubra, Red Flowering Dogwood. 15-20 ft.

Variety of Cornus Florida with bright pink flowers.

90 2 to 3 feet.....	22.00	200.00	-----
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Goldentwig, stolonifera flaviramea. 8-10 ft.

Distinct yellow bark, has fine winter effect.

50 18 to 24 inches.....	5.00	45.00	-----
150 2 to 3 feet.....	6.00	55.00	-----
310 3 to 4 feet.....	7.50	70.00	650.00

mascula, Cornelian Cherry

Dense growth with glossy foliage. Attractive in early spring with its yellow flowers and in fall with its shining scarlet fruits.

40 2 to 3 feet.....	6.50	-----	-----
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racemosa (paniculata) Gray Dogwood. 12-15 ft.

White flowers in May followed by white fruit.

110 18 to 24 inches.....	5.00	45.00	-----
510 2 to 3 feet.....	6.00	55.00	500.00
200 3 to 4 feet.....	7.50	70.00	650.00
180 4 to 5 feet.....	9.00	80.00	-----

Variegated, gouchaulti (Elegantissima) Silverblotch Dogwood. 6-8 ft.

Silver variegated leaves, bright red bark. Very attractive.

400 9 to 12 inches.....	2.40	20.00	180.00
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CORYLUS Americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

100 18 to 24 inches.....	5.50	50.00	-----
300 2 to 3 feet.....	7.00	65.00	-----

COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

190 12 to 18 inches.....	2.90	25.00	-----
400 18 to 24 inches.....	4.00	35.00	-----
2300 2 to 3 feet.....	5.50	50.00	450.00

divaricata, Spreading Cotoneaster. 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

700 18 to 24 inches.....	8.00	75.00	700.00
1100 2 to 3 feet.....	9.00	85.00	800.00

CREPE MYRTLE (Lagerstroemias Indica). 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

18 to 24 inches.....	4.00	35.00	-----
230 Pink	180 Purple	150 Red	

CYDONIA japonica (Chaenomeles). Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

200 12 to 18 inches.....	2.90	25.00	-----
600 18 to 24 inches.....	4.40	38.50	350.00
1600 2 to 3 feet.....	5.50	50.00	450.00
200 3 to 4 feet.....	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

CYDONIA—Continued

NEW NAMED INTRODUCTIONS

CYDONIA (grafted)

We are listing below newer varieties of grafted named varieties of CYDONIAS that we can recommend for the general planting. Supply limited.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 5.50	\$ 50.00	\$ -----
18 to 24 inches.....	7.00	65.00	-----
2 to 3 feet.....	9.00	85.00	-----
	2-3'	18-24"	12-18"
Apple Blossom, pink	---	---	70
Coral Sea, Salmon	110	80	140
Pink Princess, pink	140	210	--

DEUTZIA, gracilis, Slender Deutzia. 3 ft.

Dwarf, blooms freely. Small pure white flowers. May.

	Per 10	Per 100	Per 1000
200 18 to 24 inches.....	\$ 7.00	\$ 65.00	\$ -----
640 2 to 2½ feet.....	8.50	80.00	-----

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

200 18 to 24 inches.....	4.50	40.00	-----
650 2 to 3 feet.....	5.50	50.00	450.00
280 3 to 4 feet.....	6.50	60.00	-----

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

450 12 to 18 inches.....	2.90	25.00	220.00
600 18 to 24 inches.....	4.50	40.00	350.00
420 2 to 3 feet.....	5.50	50.00	450.00
220 3 to 4 feet.....	7.00	65.00	-----

argentea, Silverberry. 10-12 ft.

Erect shrub, spineless, with reddish brown branches. Leaves silvery on both sides. Flowers yellow within. Fragrant.

170 12 to 18 inches.....	4.00	35.00	-----
300 18 to 24 inches.....	5.00	45.00	-----
490 2 to 3 feet.....	6.50	60.00	-----

ELDER Golden American, Sambucus canadensis aurea. 10-12 ft.

110 3 to 4 feet.....	6.50	60.00	-----
240 4 to 5 feet.....	8.00	75.00	-----

EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.

400 18 to 24 inches.....	8.50	80.00	750.00
700 2 to 3 feet.....	14.00	125.00	1100.00
90 3 to 4 feet.....	19.00	175.00	-----

Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.

Dwarf, compact form of the type. Splendid for hedges.

185 12 to 18 inches.....	8.00	75.00	-----
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ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

atropurpureus, Eastern Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

	Per 10	Per 100	Per 1000
180 12 to 18 inches.....	\$ 3.20	\$ 28.00	\$-----
210 18 to 24 inches.....	4.50	40.00	-----
140 2 to 3 feet.....	5.50	50.00	-----

European, Burningbush, europaeus. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in autumn.

180 18 to 24 inches.....	4.50	40.00	-----
320 2 to 3 feet.....	5.50	50.00	-----
190 3 to 4 feet.....	7.00	65.00	-----

Patens, Spreading Euonymus. Large leaf. 4-5 ft.

Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.

140 12 to 15 inches.....	5.50	50.00	-----
350 15 to 18 inches.....	7.00	65.00	-----

patens Flagpole. Small leaf. 4-5 ft.

Ideal for evergreen hedges. Makes a very bushy specimen plant when grown informally. Semi-hardy.

140 12 to 15 inches.....	5.50	50.00	-----
260 15 to 18 inches.....	7.00	65.00	-----
140 18 to 24 inches.....	8.50	80.00	-----

radicans erecta, Compact spreading euonymus.

An improved more upright form of Euonymus radicans. Shiny dark green foliage. Evergreen. Should have some protection.

320 12 to 15 inches.....	5.50	50.00	-----
240 15 to 18 inches.....	7.00	65.00	-----
60 18 to 24 inches.....	8.50	80.00	-----

radicans pyramidalis, Upright Radicans (Sarcoxie Strain). 3-4 ft.

Almost evergreen. Natural upright habit. Can be sheared to attain greater height. Hardy at Shenandoah, but may show some defoliation farther north.

110 12 to 15 inches.....	7.00	65.00	-----
320 15 to 18 inches.....	8.50	80.00	-----
380 18 to 24 inches.....	11.00	100.00	-----
100 2 to 2½ feet.....	14.00	125.00	-----

yedoensis, Yeddo Euonymus. 10-12 ft.

Large shrub with masses of pink and orange, four lobed fruit.

180 2 to 3 feet.....	5.50	50.00	-----
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ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

NEW CORLISS EUONYMUS—PATENTED

Here is something new! . . . the broadleaf, evergreen beauty of Euonymus vegetus foliage especially developed into four shrub forms. These perfectly hardy plants make up into four forms, as listed, without support or special training. They will, however, respond to shearing if a slightly altered shape is desired. Here is more than a new variation of a familiar plant . . . these forms of Euonymus, because of their hardness, will make the broadleafed evergreen shrub available for landscaping use where the climate prohibits such items as Azaleas, boxwood and holly.

		10-24	25-249	
		Each	Each	
12 to 15 inches, bare-root	(Retail: \$2.95 each)	\$1.80	\$1.70	
15 to 18 inches, bare-root	(Retail: \$3.70 each)	2.20	2.10	
18 to 24 inches, bare-root	(Retail: \$4.65 each)	2.80	2.70	
2 to 2½ feet, bare-root	(Retail: \$5.60 each)	3.35	3.25	
	2-2½'	18-24"	15-18"	12-15"
Emerald Charm	240	310	240	270
Emerald Cushion		100	310	240
Emerald Leader				100
Emerald Pride		40	210	470

Euonymus EMERALD CHARM (Columnar)—Patent No. 1079

Exceptionally compact specimen for upright narrow shape. Suitable for a pillar shrub, hedge, or pyramid. Ultimate height four to five feet, spread about 18 inches. Both this and Trueshrub respond to shaping.

Euonymus EMERALD CUSHION (Dwarfshrub)—Patent No. 1112

As its name implies, Dwarf shrub is the shortest of the family, adaptable as a ground cover or facing-down shrub. Very slow-growing, reaching an ultimate height of 18 inches.

Euonymus EMERALD LEADER (Corlessi)—Patent No. 881

Distinct bushy erect habit of growth, with beautiful clusters of 7 to 10 bittersweet type berries in the fall. Neat, compact, uniform shrub with an ultimate height of 4 to 5 feet and spread of about 2½ feet.

Euonymus EMERALD PRIDE (Trueshrub)—Patent No. 1073

Neat, compact evergreen shrub of ovoid form, with an ultimate height of four feet and spread of about three and one half feet. Distinctly upright growth from one stem without support.

FORSYTHIA Farrand. 6-8 ft.

Spectacular new variety originating with the Arnold Arboretum. A vigorous grower developing into a large symmetrical plant, producing deep golden yellow flowers, often two inches in diameter with orange markings.

	Per 10	Per 100	Per 1000
150 2 to 3 feet	\$ 6.50	\$ 60.00	\$ ----
170 3 to 4 feet	8.00	75.00	----

FORSYTHIA**fortunei, Fortune Forsythia. 10-12 ft.**

Upright, arching branches. Bright yellow flowers early in April.

	Per 10	Per 100	Per 1000
100 2 to 3 feet	\$ 6.00	\$ 55.00	\$ ----
100 3 to 4 feet	7.50	70.00	----

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

	Per 10	Per 100	Per 1000
300 2 to 3 feet	6.00	55.00	500.00
250 3 to 4 feet	7.50	70.00	650.00

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

Spring Glory

A new Forsythia that produces an abundance of attractive large pale yellow flowers completely covering the branches and making a brilliant and cheerful display for the gardens in the spring.

		Per 10	Per 100	Per 1000
1100	2 to 3 feet.....	\$ 6.00	\$ 55.00	\$500.00
800	3 to 4 feet.....	7.50	70.00	650.00

suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

350	12 to 18 inches.....	3.50	30.00	-----
500	18 to 24 inches.....	4.50	40.00	350.00
1100	2 to 3 feet.....	6.00	55.00	500.00

HAMAMELIS, virginiana, Witchhazel. 12-15 ft.

Succeeds in moist places with partial shade. Yellow flowers late autumn.

25	12 to 18 inches.....	4.00	35.00	-----
80	18 to 24 inches.....	5.50	50.00	-----
30	2 to 3 feet.....	7.00	65.00	-----

HONEYSUCKLE, Lonicera

bella albidia, White Belle Honeysuckle. 10-12 ft.

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

100	18 to 24 inches.....	4.00	35.00	-----
460	2 to 3 feet.....	5.00	45.00	400.00
900	3 to 4 feet.....	6.00	55.00	500.00
300	4 to 5 feet.....	7.00	65.00	-----

compacta nana, Clavey's Compact Dwarf Honeysuckle. 3-4 ft.

A new hardy dwarf honeysuckle recently introduced. Small yellow flowers in May. Red berries.

900	18 to 24 inches.....	4.50	40.00	350.00
800	2 to 3 feet.....	5.50	50.00	450.00

fragrantissima, Winter Honeysuckle, 6-8 ft.

Fragrant white flowers March-April. Nearly evergreen, semi-hardy.

600	9 to 12 inches.....	2.10	18.00	150.00
900	12 to 18 inches.....	2.90	25.00	220.00
280	18 to 24 inches.....	4.50	40.00	-----

grandiflora rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright Honeysuckles. Hardy, strong, upright grower.

600	18 to 24 inches.....	4.00	35.00	300.00
1800	2 to 3 feet.....	5.00	45.00	400.00
1400	3 to 4 feet.....	6.00	55.00	500.00
500	4 to 5 feet.....	7.00	65.00	600.00

korolkowi floribunda, Blueleaf Honeysuckle. 8-10 ft.

Broad blueleaf Honeysuckle. Beautiful foliage, white flowers.

70	18 to 24 inches.....	5.50	50.00	-----
80	2 to 3 feet.....	6.50	60.00	-----

morrowi-Morrow Honeysuckle. 7-8 ft.

Spreading habit, attractive foliage. White flowers. May-June. Red berries.

100	18 to 24 inches.....	4.00	35.00	-----
380	2 to 3 feet.....	5.00	45.00	400.00
600	3 to 4 feet.....	6.50	60.00	500.00

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE—Continued

Pink Tatarian, *tatarica rosea*. 10-12 ft.

Hardy, vigorous grower. Pink flowers. April-May. Red fruit.

		Per 10	Per 100	Per 1000
300	12 to 18 inches.....	\$ 2.90	\$ 25.00	\$-----
1100	18 to 24 inches.....	4.00	35.00	300.00
1200	2 to 3 feet.....	5.00	45.00	400.00
400	3 to 4 feet.....	6.00	55.00	500.00

Red tatarian, *tatarica rubra*. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

800	18 to 24 inches.....	4.00	35.00	300.00
1600	2 to 3 feet.....	5.00	45.00	400.00
1200	3 to 4 feet.....	6.00	55.00	500.00

zabeli, *Zabel Honeysuckle*. 8-10 ft.

An improved strain of red tatarian Honeysuckle.

900	18 to 24 inches.....	4.00	35.00	300.00
2100	2 to 3 feet.....	5.00	45.00	400.00
1600	3 to 4 feet.....	6.00	55.00	500.00

HONEYSUCKLE (Also see Hedging)

HYDRANGEA *arborescens grandiflora*, Snowhill. 5-6 ft.

Large, double white flowers June-July. Thrives in shady places.

300	12 to 18 inches.....	4.50	40.00	-----
300	18 to 24 inches.....	5.50	50.00	-----
1600	2 to 3 feet.....	6.50	60.00	550.00
800	3 to 4 feet.....	8.00	75.00	700.00

BLUE HYDRANGEA

Large flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about one tablespoon per plant, of aluminum sulphate.

	Per 10	Per 100
2 year, dormant plants.....	\$ 6.00	\$ 50.00
Blue Prince.....	French Blue	
Domotoi (15¢ higher per plant)	Gertrude Glahn	

HYDRANGEA *paniculata grandiflora*, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn. July-October.

		Per 10	Per 100	Per 1000
200	12 to 18 inches.....	\$ 3.50	\$ 30.00	\$-----
1100	18 to 24 inches.....	5.50	50.00	450.00
2100	2 to 3 feet.....	6.50	60.00	550.00
200	3 to 4 feet.....	8.00	75.00	-----

HYPERICUM *aureum*, Golden St. Johnswort. 4 ft.

Hardy shrub with bright yellow flowers. July-August.

200	12 to 18 inches.....	4.00	35.00	-----
300	18 to 24 inches.....	5.50	50.00	-----
400	2 to 3 feet.....	7.00	65.00	-----

Hidcote, New Dwarf Hypericum. 2 ft.

New Hardier, prostrate variety useful as facer plant or ground cover. Large waxy, golden yellow flowers practically all summer.

600	Medium (Tops cut back to 10 to 12 inches)...	4.50	40.00	-----
1400	No. 1 (" " " " " " " ")...	5.50	50.00	-----

moserianum, Goldflower. 2 ft.

Attractive foliage. Attractive golden flowers 2½ inches in diameter. July-August.

800	Medium (Tops cut back to 10 to 12 inches)...	4.50	40.00	350.00
1600	No. 1 (" " " " " " " ")...	5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

ILEX verticillata, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

	Per 10	Per 100	Per 1000
250 12 to 18 inches.....	\$ 4.50	\$ 40.00	\$-----
200 18 to 24 inches.....	6.50	60.00	-----
200 2 to 3 feet.....	8.00	75.00	-----

KERRIA japonica, Single Kerria. 6-8 ft.

Beautiful, single, yellow flowers. June-September. Needs winter protection in this latitude.

290 12 to 18 inches.....	4.50	40.00	-----
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KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

100 12 to 18 inches.....	3.50	30.00	-----
300 18 to 24 inches.....	5.50	50.00	-----

LILAC Syringa. 12-15 ft.

French Lilacs, Named varieties.

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil

	d-Double			
	3-4'	2-3'	18-24"	12-18"
18 to 24 inches.....	6.50	60.00	----	----
2 to 3 feet.....	8.50	80.00	----	----
3 to 4 feet.....	11.00	100.00	----	----
s-Single				
Alphonse Lavalle, d lilac	90	40	60	25
Belle de Nancy, d rose, white center	210	180	100	--
Charles Joly, d rich red	140	170	80	120
Chas. X, s red	30	240	410	400
Congo, s red	--	--	120	200
French White, s white	300	--	--	--
General Pershing, d violet	--	120	--	40
Gloire de Moulins, s pink	20	40	--	--
Jacques Callot, s violet	60	120	--	--
Lucie Baltet, s pink	180	30	--	--
Ludwig Spaeth, s deep purple	--	--	150	125
Mme. Casimer Perier, d white	150	300	--	25
Marie Legraye, s white	75	50	--	150
Mme. Lemoine, d white	--	200	--	100
Michel Buchner, s lilac	--	50	--	--
Mrs. W. E. Marshall, s reddish purple	--	180	160	180
Paul Thirion, d pink	--	60	250	275
President Grevy, d bluish lilac	--	340	--	300
Prince Notger, s lavender	10	400	240	225

Common Purple, vulgaris. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purple, single lilac flowers in large panicles. April-May.

	Per 10	Per 100	Per 1000
380 12 to 18 inches.....	\$ 2.90	\$ 25.00	\$220.00
900 18 to 24 inches.....	4.50	40.00	350.00
800 2 to 3 feet.....	5.50	50.00	450.00

Common White, vulgaris alba. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

175 12 to 18 inches.....	2.90	25.00	-----
400 18 to 24 inches.....	4.50	40.00	350.00
200 2 to 3 feet.....	5.50	50.00	-----
150 3 to 4 feet.....	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

LILAC—Continued

Chinese, rothomagensis. 8-10 ft.

Generally grown and sold for Persian lilac. Upright, vigorous grower, rich amaranth purple flowers. April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

	Per 10	Per 100	Per 1000
700 9 to 12 inches.....	\$ 1.40	\$ 12.00	\$100.00
1000 12 to 18 inches.....	2.90	25.00	220.00
400 18 to 24 inches.....	5.00	45.00	400.00
1900 2 to 3 feet.....	6.00	55.00	500.00
2600 3 to 4 feet.....	6.50	60.00	550.00

japonica, Tree Lilac. 18-20 ft.

Loose bunches creamy-white, fragrant flowers. Handsome foliage. June-July.

	Per 10	Per 100	Per 1000
70 12 to 18 inches.....	\$ 4.50	\$ 40.00	\$.....

josikaea, Hungarian Lilac, 8-10 ft.

Upright grower, attractive dark green foliage, dark velvet flowers.

20 18 to 24 inches.....	4.50	40.00
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Persian Purple, see Lilac Rothomagensis.

We recommend use of Rothomagensis which is similar in habit of growth but produces superior flower and foliage.

Persian White, persica alba. 6-7 ft.

White flowering variety of Persian Lilac.

130 18 to 24 inches.....	5.00	45.00	.....
150 2 to 3 feet.....	6.00	55.00	.....

rubra de marley, vulgaris variety. 10-12 ft.

An improved strain of vulgaris lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

200 18 to 24 inches.....	4.50	40.00	.....
500 2 to 3 feet.....	5.50	50.00	450.00

villosa. Late Lilac. 8-10 ft.

Bushy compact grower. Large, attractive leaves, pale pink flowers.

300 12 to 18 inches.....	2.90	25.00	220.00
40 18 to 24 inches.....	4.50	40.00	.....
390 2 to 3 feet.....	5.50	50.00	450.00
40 3 to 4 feet.....	7.00	65.00	.....

PHILADELPHUS, Mockorange**coronarius, Sweet Mockorange. 8-10 ft.**

A popular well known, hardy shrub. White, fragrant flowers in May-June.

150 12 to 18 inches.....	2.90	25.00	.....
600 18 to 24 inches.....	4.50	40.00	350.00
800 2 to 3 feet.....	5.50	50.00	450.00
1700 3 to 4 feet.....	7.00	65.00	600.00
140 4 to 5 feet.....	8.00	75.00	.....

Coronarius Aurea, Golden Mockorange, 4 to 5 feet.

Dwarf compact form with yellow foliage.

150 9 to 12 inches.....	5.00	45.00
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cymosus Atlas, Giant Mockorange. 8 ft.

Giant pure white blossoms the size of Dogwood blooms are carried in great profusion over the entire plant from the ground to tip. May-June.

60 12 to 18 inches.....	4.00	35.00	.....
90 18 to 24 inches.....	5.00	45.00	.....
30 2 to 3 feet.....	6.50	60.00	.....

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

PHILADELPHUS FROSTY MOON, Plant Patent No. 1174

New dwarf Philadelphus with pure white, fragrant, double flowers. Ultimate height 40 inches. Hardy. June - July.

Wholesale Prices			Suggested Retail Prices	
	Per 10	Per 100	Each	Per Six
50 9 to 12 inches.....	\$ 3.50	\$ 30.00	\$.80	\$ 4.50
300 12 to 18 inches.....	5.00	45.00	1.10	5.50

lemoinei Belle Etoile. 6 ft.

Single, fragrant, pure white flowers having a slight purple tinge deep in throat when first open. Flowers 2 to 2½ inches across.

	Per 10	Per 100	Per 1000
60 12 to 18 inches.....	\$ 4.50	\$ 40.00	\$ ----
120 18 to 24 inches.....	5.50	50.00	----
160 2 to 3 feet.....	7.00	65.00	----

lemoinei, Lemonine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

40 12 to 18 inches.....	4.50	40.00	----
110 18 to 24 inches.....	5.50	50.00	----
550 2 to 3 feet.....	7.00	65.00	600.00
270 3 to 4 feet.....	8.00	75.00	----

lemoinei Enchantment. 7-8 ft.

Double white flowers in thick panicles similar to Bouquet Blanc.

75 12 to 18 inches.....	2.90	25.00	----
200 18 to 24 inches.....	4.50	40.00	----
590 2 to 3 feet.....	6.00	55.00	500.00
50 3 to 4 feet.....	7.50	70.00	----

purpureo-maculatus, amalthae. 5-6 ft.

Outstanding Philadelphus with large single white flowers with pink center.

60 18 to 24 inches.....	5.50	50.00	----
120 2 to 3 feet.....	6.50	60.00	----
140 3 to 4 feet.....	7.50	70.00	----

virginalis, Virginal Mockorange. 7-8 ft.

Medium grower. Loaded down with beautiful fragrant semi-double flowers over a long season beginning in May.

600 18 to 24 inches.....	5.00	45.00	400.00
1500 2 to 3 feet.....	6.00	55.00	500.00
2600 3 to 4 feet.....	7.00	65.00	600.00
550 4 to 5 feet.....	8.00	75.00	700.00

virginalis albatre. 5-6 ft.

More compact grower than Virginalis. Semi-double blooms in May and June.

30 12 to 18 inches.....	2.90	25.00	----
50 18 to 24 inches.....	4.50	40.00	----
125 2 to 3 feet.....	5.50	50.00	----

virginalis Glacier, flora-plena. 6 ft.

Double white flowers, sweet scented. Hardy semi-dwarf, symmetrical and compact shrub.

120 18 to 24 inches.....	5.50	50.00	----
200 2 to 3 feet.....	6.50	60.00	----

ORNAMENTAL SHRUBS—Continued

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pod.

	Per 10	Per 100	Per 1000
100 18 to 24 inches.....	\$ 4.50	\$ 40.00	\$ -----
350 2 to 3 feet.....	5.50	50.00	450.00
400 3 to 4 feet.....	6.50	60.00	550.00

Goldleaf Ninebark, opulifolium luteus (aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

300 18 to 24 inches.....	4.50	40.00	350.00
800 2 to 3 feet.....	5.50	50.00	450.00
900 3 to 4 feet.....	6.50	60.00	550.00

opulifolius nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers. May-June.

100 18 to 24 inches.....	4.50	40.00	-----
300 2 to 3 feet.....	5.50	50.00	450.00
600 3 to 4 feet.....	6.50	60.00	550.00

PRIVET — *Ligustrum***Amor North, amurense. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

	Per 10	Per 100	Per 1000
7000 9 to 12 inches, branched.....	\$ -----	\$ 7.00	\$ 60.00
4700 2 to 3 feet, 4 canes and up.....	-----	18.00	150.00
600 3 to 4 feet, 4 canes.....	-----	22.00	180.00

California, ovalifolium. 12-15 ft.

An attractive, popular hedge plant where hardy.

1700 9 to 12 inches, branched.....	-----	5.60	50.00
4000 12 to 18 inches, 3 canes and up.....	-----	9.00	80.00
8000 18 to 24 inches, 3 canes and up.....	-----	12.00	100.00
7000 2 to 3 feet, 4 canes and up.....	-----	16.50	140.00

Ibodium, Hardy California. 8-10 ft.

Upright, vigorous with foliage similar to California but much hardier.

4600 9 to 12 inches, branched.....	-----	5.60	50.00
2700 12 to 18 inches, 2 canes.....	-----	7.50	60.00
1500 18 to 24 inches, 3 canes and up.....	-----	12.00	100.00
2500 2 to 3 feet, 4 canes and up.....	-----	16.50	140.00
900 3 to 4 feet, 4 canes and up.....	-----	20.00	180.00

Lodense, 2½ ft.

Very compact, dwarf form.

1100 4 to 6 inches.....	.60	5.50	50.00
3000 6 to 9 inches.....	.90	8.00	75.00

Regel, regelianum. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

800 18 to 24 inches.....	4.50	40.00	350.00
2100 2 to 2½ feet.....	5.50	50.00	450.00

vulgare, European Privet. 8-10 ft.

A hardy vigorous strain of European Privet carrying dark green foliage, hanging on late in autumn.

3500 9 to 12 inches, branched.....	-----	9.00	80.00
4000 12 to 18 inches, 3 canes and up.....	-----	14.00	120.00
1000 18 to 24 inches, 3 canes and up.....	-----	18.00	150.00

PRUNUS, Ornamental Plums. (See Deciduous Trees).**RHODOTYPOS kerrioides, Jethead (White Kerria). 4-5 ft.**

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

120 12 to 18 inches.....	4.50	40.00	-----
300 18 to 24 inches.....	6.00	55.00	500.00
200 2 to 3 feet.....	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

RHUS canadensis (aromatica). Fragrant Sumac. 5-6 ft.

Aromatic shrub. Small yellowish flowers April-May, followed by red berries.

		Per 10	Per 100	Per 1000
900	12 to 18 inches	\$ 4.50	\$ 40.00	\$350.00
1800	18 to 24 inches	5.50	50.00	450.00
400	2 to 3 feet	6.50	60.00	550.00

cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers. July-August, making a fine specimen.

200	18 to 24 inches	7.00	65.00	-----
100	3 to 4 feet	12.50	110.00	-----

glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries. Aug.-Sept.

650	12 to 18 inches	2.40	20.00	180.00
380	18 to 24 inches	3.50	30.00	270.00
280	2 to 3 feet	4.50	40.00	-----
20	3 to 4 feet	5.50	50.00	-----

RIBES alpinum, Alpine Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small, greenish flowers. April-May. Scarlet fruit.

500	12 to 15 inches	4.50	40.00	350.00
1700	18 to 24 inches	7.00	65.00	600.00
800	2 to 2½ feet	8.00	75.00	700.00

odoratum, Golden Currant (aureum). 8-10 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.

410	9 to 12 inches	1.65	14.00	120.00
420	12 to 18 inches	2.90	25.00	220.00
70	18 to 24 inches	4.50	40.00	-----

ROSE ACACIA, Robinia hispida, (Grafted Stock.) 6-8 ft.

Branches covered with rosy pink, attractive flowers, April-May.

125	12 to 18 inches	2.90	25.00	-----
330	18 to 24 inches	4.50	40.00	-----
45	4 to 5 feet	9.00	80.00	-----

SALIX purpurea, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

1600	18 to 24 inches	3.50	31.00	280.00
500	2 to 2½ feet	4.50	40.00	350.00

purpurea gracilis, Slender Purple-osier Willow. 4-5 ft.

More attractive than the above species. Foliage similar but bark is brownish-red which adds to the attractiveness of this dwarf plant. Excellent for hedges or individual specimens.

600	15 to 18 inches	3.50	30.00	270.00
1300	18 to 24 inches	4.50	40.00	350.00
900	2 to 2½ feet	6.00	55.00	500.00
600	2½ to 3 feet	7.50	70.00	65.00

Pussy. Salix discolor. 20-25 ft.

Popular Willow on account of catkins in March-April before leaves.

200	12 to 18 inches	2.10	18.00	-----
210	18 to 24 inches	2.90	25.00	-----
920	2 to 3 feet	4.00	35.00	300.00
460	3 to 4 feet	5.50	50.00	450.00
340	4 to 5 feet	8.50	75.00	700.00

SHEPHERDIA argentea, Silver Buffaloberry. 10-12 ft.

Hardy shrub or ornamental tree with silvery foliage. Small yellowish flowers. May-June.

130	12 to 18 inches	3.50	30.00	-----
260	18 to 24 inches	4.50	40.00	-----
35	3 to 4 feet	7.50	-----	-----

ORNAMENTAL SHRUBS—Continued

SNOWBALL. (See *Viburnum*).

SPIREA Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

		Per 10	Per 100	Per 1000
1100	6 to 9 inches.....	\$ 1.80	\$ 15.00	\$120.00
3200	9 to 12 inches.....	2.90	25.00	220.00
1400	12 to 15 inches.....	4.20	35.00	320.00
740	15 to 18 inches.....	5.00	45.00	400.00

arguta, Garland Spirea. 5-6 ft.

Upright hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

200	18 to 24 inches.....	4.50	40.00	-----
600	2 to 3 feet.....	5.50	50.00	450.00
250	3 to 4 feet.....	6.50	60.00	----

Billiard Spirea, *billiardi*. 5-6 ft.

Bright pink flowers in spikes. July-September.

1600	18 to 24 inches.....	4.50	40.00	350.00
400	2 to 3 feet.....	5.50	50.00	450.00
200	3 to 4 feet.....	6.50	60.00	----

Blue Mist, Spirea (See *Caryopteris*)

Froebel Spirea. 4 ft.

Vigorous, spreading grower. Bright pink flowers. May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

500	12 to 18 inches.....	4.00	35.00	300.00
1900	18 to 24 inches.....	4.50	40.00	350.00
300	2 to 2½ feet.....	5.50	50.00	-----

japonica ovalifolia, Japanese White (*Callosa Alba*). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

500	9 to 12 inches.....	2.90	25.00	-----
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mongolica, Snowbank Spirea. 4-5 ft.

Earliest flowering of the Spireas, in full bloom along with the Forsythias. Gracefully slender but erect shrub.

110	18 to 24 inches.....	4.50	40.00	----
140	2 to 3 feet.....	6.00	55.00	----

opulifolius, Ninebark. (See *Physocarpus*.)Thunbergi, Spirea *thunbergi* 3-4 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers. April.

80	12 to 18 inches.....	2.90	25.00	-----
270	18 to 24 inches.....	4.50	40.00	----
430	2 to 2½ feet.....	5.50	50.00	450.00
130	2½ to 3 feet.....	7.00	65.00	-----

Vanhoutte, Spirea *van houttei*. 8-10 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

1100	18 to 24 inches.....	3.50	32.00	280.00
3600	2 to 3 feet.....	4.50	40.00	350.00
1400	3 to 4 feet.....	5.50	50.00	450.00

SYMPHORICARPOS, Snowberry

alba, (*racemosus*) Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

300	12 to 18 inches.....	1.90	16.00	-----
160	18 to 24 inches.....	2.90	25.00	-----
260	2 to 3 feet.....	3.50	30.00	-----

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS—Continued

chenaulti, Improved coralberry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.

	Per 10	Per 100	Per 1000
120 12 to 18 inches.....	\$ 1.90	\$ 16.00	\$-----
400 18 to 24 inches.....	2.90	25.00	220.00
1400 2 to 3 feet.....	3.50	30.00	250.00
220 3 to 4 feet.....	4.50	40.00	-----

vulgaris, (orbiculatus) Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

100 12 to 18 inches.....	1.90	16.00	-----
400 18 to 24 inches.....	2.90	25.00	220.00
160 2 to 3 feet.....	3.50	30.00	-----

SUMAC. (See *Rhus*)TAMARIX, *hispida*, Kashgar Tamarix. 15-20 ft.

Feathery silver foliage. Bright pink flowers. June-July. Remains in bloom longer than other varieties. One of the best. Hardy.

1300 12 to 18 inches.....	2.90	25.00	220.00
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VIBURNUM *carlesi*, Mayflower Viburnum, 6 ft.

Pinkish-white flowers. Very fragrant. Foliage is gray.

130 18 to 24 inches.....	19.00	175.00	-----
80 2 to 3 feet.....	25.00	225.00	-----

dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

200 18 to 24 inches.....	4.50	40.00	-----
800 2 to 3 feet.....	5.50	50.00	450.00
600 3 to 4 feet.....	7.50	70.00	650.00

lantana, Wayfaring tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

120 12 to 18 inches.....	3.50	30.00	-----
270 18 to 24 inches.....	4.50	40.00	350.00
960 2 to 3 feet.....	5.50	50.00	450.00
200 3 to 4 feet.....	7.00	65.00	-----
60 4 to 5 feet.....	9.00	85.00	-----

lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

120 12 to 18 inches.....	4.00	35.00	-----
270 18 to 24 inches.....	5.00	45.00	-----
720 2 to 3 feet.....	6.00	55.00	500.00

molle, Kentucky Viburnum. 8-10 ft.Similar to *Dentatum*. Of slower growth and more attractive foliage. Single white flowers. April-May. Blue-black fruit.

240 2 to 3 feet.....	5.50	50.00	-----
670 3 to 4 feet.....	7.50	70.00	650.00
240 4 to 5 feet.....	9.00	85.00	-----

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

300 12 to 18 inches.....	3.50	30.00	-----
780 2 to 3 feet.....	6.50	60.00	550.00
460 3 to 4 feet.....	8.00	75.00	700.00
160 4 to 5 feet.....	10.00	90.00	-----

opulus nana, Dwarf Cranberrybush. 18-24 inches.

New dwarf viburnum that can be used for individual specimens or hedging. Hardy.

100 4 to 6 inches.....	5.50	50.00	-----
210 6 to 9 inches.....	7.50	70.00	-----

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

opulus sterile, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

	Per 10	Per 100	Per 1000
320 18 to 24 inches.....	\$ 5.00	\$ 45.00	\$-----
1700 2 to 3 feet.....	6.00	55.00	500.00
480 3 to 4 feet.....	7.50	70.00	650.00

WEIGELA BRISTOL RUBY

Plant Patent No. 492

Improved Weigela Eva Rathke hardier and more thrifty. Large soft ruby-red flowers, shading to garnet crimson.

	Per 10	Per 100	Per 1000
800 12 to 18 inches.....	\$ 5.00	\$ 45.00	\$400.00
600 18 to 24 inches.....	8.00	60.00	550.00
320 3 to 4 feet.....	12.50	115.00	1000.00

WEIGELA, Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers. May-June.

	Per 10	Per 100	Per 1000
600 9 to 12 inches.....	\$ 2.10	\$ 18.00	\$150.00
1900 12 to 18 inches.....	3.70	32.00	290.00
800 18 to 24 inches.....	5.00	45.00	400.00
1600 2 to 3 feet.....	6.00	55.00	500.00

Dwarf Variegated, nana variegata. 5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers. May-June

	Per 10	Per 100	Per 1000
800 12 to 18 inches.....	3.50	30.00	270.00
700 18 to 24 inches.....	5.50	50.00	450.00
1400 2 to 3 feet.....	7.00	65.00	600.00
300 3 to 4 feet.....	8.50	80.00	750.00

rosea, (florida) Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers. May-June.

	Per 10	Per 100	Per 1000
200 12 to 18 inches.....	3.20	28.00	-----
800 18 to 24 inches.....	4.50	40.00	350.00
1600 2 to 3 feet.....	5.50	50.00	450.00

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, Berberis thunbergi, Japanese Barberry.	Per 10	Per 100	Per 1000
4000 9 to 12 inches, 2 year seedlings, branched.....	\$ ----	\$ 8.50	\$ 75.00
16000 12 to 18 inches, 2 year seedlings, branched.....	----	11.00	100.00
300 18 to 24 inches, 2 year seedlings, branched.....	----	16.00	140.00
1600 12 to 15 in., transplanted, 2 yr. branched, bushy ----	----	24.00	220.00

Red Leaved, atropurpurea.

	Per 10	Per 100	Per 1000
600 12 to 15 inches, 2 year seedlings, branched.....	----	16.00	140.00
11000 15 to 18 inches, 2 year seedlings, branched.....	----	21.00	180.00
3700 18 to 24 inches, 2 year seedlings, branched.....	----	24.00	220.00

CARAGANA, arborescens, Siberian Peatree.

	Per 10	Per 100	Per 1000
5000 12 to 18 inches, seedlings.....	----	3.50	30.00
4000 18 to 24 inches, seedlings.....	----	4.50	40.00
3000 2 to 3 feet, seedlings.....	----	6.00	55.00

ELM CHINESE. (See Deciduous Tree Seedlings).

HONEYSUCKLE, Tatarian, Lonicera tatarica.

	Per 10	Per 100	Per 1000
4000 9 to 12 inches, (Seedling grown).....	----	6.00	50.00
4700 12 to 18 inches, branched, (Seedling grown)....	----	7.50	65.00
3000 2 to 3 feet (cutting grown).....	----	18.00	150.00

MULBERRY, Russian, Morus tatarica.

	Per 10	Per 100	Per 1000
14000 6 to 12 inches.....	----	1.20	10.00
6000 12 to 18 inches.....	----	2.10	18.00
2000 18 to 24 inches.....	----	3.20	28.00
8000 2 to 3 feet.....	----	4.00	35.00

PRIVET. (See Shrubs.)

SPIREA Vanhoutte.

	Per 10	Per 100	Per 1000
1000 10 to 15 inches.....	----	8.50	75.00

VINES

Tied 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle.

AMPELOPSIS, St. Paul, saintpauli. 30-40 ft.

An improved type of Engelmani.

			Per 10	Per 100	Per 1000
80	2 year	Medium	\$ 3.20	\$ 30.00	\$ ----
80	2 year	No. 1	4.00	35.00	----

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

600	2 year	Medium	2.90	25.00	----
3200	2 year	No. 1	3.50	30.00	270.00
600	3 year	No. 1	4.00	35.00	----

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

110	2 year	Medium	2.90	25.00	----
260	2 year	No. 1	3.50	30.00	----

scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

1400	2 year	Medium	2.90	25.00	220.00
630	2 year	No. 1	3.50	30.00	----

CLEMATIS paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in Sept.

460	2 year	Medium	4.50	40.00	350.00
480	2 year	No. 1	5.50	50.00	450.00
240	3 year	No. 1	6.50	60.00	----

EUONYMUS radicans, (fortunei) Wintercreeper. 5-6 ft.

Evergreen, shining deep green foliage. Upright habit. Needs some protection

520	2 year	Medium	5.50	50.00	450.00
460	2 year	No. 1	6.50	60.00	550.00

radicans vegetus, Bigleaf Wintercreeper. 3-6 ft.

Evergreen, dark green, thick leaves, producing bright scarlet berries.

160	2 year	Medium	5.00	55.00	----
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HEDERA helix, baltica, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

4100	2½ inch	pot plants	1.80	15.00	----
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HONEYSUCKLE, Lonicera**Gold Flame. 15 ft.**

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

1100	2 year	Medium	4.00	35.00	300.00
400	2 year	No. 1	4.50	40.00	350.00

Hall's Japan, japonica halleana. 20-25 ft.

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

700	2 year	Medium	2.10	18.00	160.00
900	2 year	No. 1	2.60	22.50	200.00
240	3 year	No. 1	2.90	25.00	----

VINES—Continued

HONEYSUCKLE—Continued

heckrottii, (Summer King). 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

			Per 10	Per 100	Per 1000
900	2 year	Medium	\$ 4.00	\$ 35.00	\$300.00
320	2 year	No. 1	4.50	40.00	350.00

Scarlet Trumpet Honeysuckle, sempervirens. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

240	2 year	Medium	2.90	25.00	220.00
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sempervirens aurea, Yellow Trumpet Honeysuckle. 20-30 ft.

Yellow flowered variety of the popular Trumpet Honeysuckle. Very attractive foliage and bloom.

500	2 year	Medium	4.00	35.00	320.00
900	2 year	No. 1	4.50	40.00	350.00

POLYGONUM reynoutria

Light green foliage, turns brilliant in fall. One of the finest ground covers. Thrives best in full sunlight; hovers 4 to 12 inches from soil. Blooms September first; fragrant, airy pink sprays similar to Silver Lace Vine. Deep red buds, foliage brilliant red in fall.

200	2 year	Medium	4.00	35.00	-----
340	2 year	No. 1	5.00	45.00	-----

WISTERIA, American frutescens. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers. June-July.

500	2 year	Medium, grown from blooming wood	2.90	25.00	-----
700	2 year	No. 1, grown from blooming wood	4.00	35.00	320.00
400	3 year	No. 1, grown from blooming wood	4.50	40.00	-----

EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 20% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

WE CANNOT ASSUME RESPONSIBILITY FOR THE SUCCESSFUL TRANSPLANTING OF EVERGREENS, AS WEATHER CONDITIONS, METHOD OF HANDLING AND CARE GOVERN RESULTS SECURED AND ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES.

IOWA STATE COLLEGE INTRODUCTIONS

The following varieties were introduced by the late Professor T. J. Maney of Iowa State College. These varieties have been tested and proven of superior quality for hardiness. We recommend them highly.

JUNIPER, Juniperus

CHINENSIS AMES

The body of this variety is broad, tapering to a pointed terminal top. Outstanding green color. Upright.

	Per 10	Per 100
140 15 to 18 inches.....	\$33.00	\$300.00
100 18 to 24 inches.....	38.00	350.00

CHINENSIS IOWA

This is a semi-upright variety growing in an irregular form. Very useful where an intermediate growing variety is required.

50 18 to 24 inches.....	38.00	350.00
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CHINENSIS MANEYI

A valuable hardy prostrate variety that can be used in shaded areas where other varieties do not do well.

100 15 to 18 inches.....	33.00	300.00
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CHINENSIS COLUMNARIS GLAUCA

Very rapid growing Evergreen. Forms a tall narrow column of blue foliage. Spire-like effect.

	Per 10	Per 100
30 2½ to 3 feet.....	\$35.00	\$325.00
40 3 to 3½ feet.....	47.50	450.00
60 3½ to 4 feet.....	55.00	525.00
20 4 to 4½ feet.....	62.50	-----

CHINENSIS PFITZERIANA, Pfitzer Juniper. 5-6 ft.

Handsome gray green foliage. A valuable hardy prostrate variety succeeding almost everywhere.

970 15 to 18 inches.....	33.00	300.00
840 18 to 24 inches.....	38.00	350.00

CHINENSIS PFITZERIANA AUREA. Golden Pfitzer.

Golden type of Pfitzer with bright yellow foliage on new growth.

160 15 to 18 inches.....	27.50	250.00
140 18 to 24 inches.....	33.00	300.00

CHINENSIS PFITZERIANA COMPACTA

Compact form of the popular Pfitzer.

220 15 to 18 inches.....	35.00	325.00
940 18 to 24 inches.....	40.00	375.00

EVERGREENS—Continued

JUNIPER—Continued

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

		Per 10	Per 100
200	15 to 18 inches.....	\$27.50	\$250.00
300	18 to 24 inches.....	33.00	300.00
60	2 to 2½ feet.....	35.00	325.00
50	2½ to 3 feet.....	42.50	400.00

COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

400	2 to 3 feet.....	25.00	225.00
60	3 to 4 feet.....	32.50	300.00

SABINA VON EHROH, Vonehron Juniper.

A horticultural variety of Savins Juniper of extremely rapid growth. Heavily clothed branches with dark green needles. Bears both juvenile and adult foliage.

140	15 to 18 inches.....	27.50	250.00
120	18 to 24 inches.....	33.00	300.00
30	2½ to 3 feet.....	42.50	400.00

VIRGINALIS, Hillbush Juniper. 4-5 ft.

Attractive dark green foliage. Slow growing upright branches. Vase shaped. Can be sheared into attractive globe form.

130	15 to 18 inches.....	33.00	300.00
170	18 to 24 inches.....	38.00	350.00
40	2 to 2½ feet.....	42.50	400.00
270	9 x 9 inches (Globe).....	27.50	250.00
40	12 x 12 inches (Globe).....	33.00	---
40	15 x 15 inches (Globe).....	40.00	---

VIRGINIANA BURKI, Burk's Juniper 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

60	2½ to 3 feet.....	47.50	---
15	4 to 4½ feet.....	70.00	---

VIRGINIANA CANNARTI, Cannart Red Cedar.

Foliage deep, rich green. One of the best of the many grafted varieties.

260	2½ to 3 feet.....	47.50	450.00
200	3 to 3½ feet.....	55.00	500.00
240	3½ to 4 feet.....	62.50	575.00
100	4 to 4½ feet.....	70.00	650.00

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.

120	2½ to 3 feet.....	47.50	450.00
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VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.

160	2½ to 3 feet.....	47.50	450.00
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SPRUCE, *Picea***CANADENSIS ALBERTIANA**, Black Hill Spruce. 40-50 ft.

Hardest of all Spruce. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

290	2 to 2½ feet.....	32.50	300.00
370	2½ to 3 feet.....	37.50	350.00
40	3 to 3½ feet.....	45.00	425.00

EVERGREENS FOR LINING OUT

The make up and handling of this line of stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

SHIPMENT — DIRECT FROM FREMONT, NEBRASKA. ORDER EARLY.

Root pruned grades are available for **SPRING ONLY**.

50 of any variety and size at the hundred rate.

KEY—TTT—Three times transplanted. R.P.—root pruned.

OUR ROOT PRUNED STOCK WILL PLEASE YOU

		Per 10	Per 100
ABIES CONCOLOR, Concolor Fir			
400	12 to 15 inches R.P.	\$ 4.00	\$ 35.00
2000	9 to 12 inches R.P.	2.50	20.00
JUNIPERUS HIBERNICA FASTIGIATA, Irish Juniper			
400	9 to 12 inches TTT	6.00	55.00
200	6 to 9 inches TTT	4.50	40.00
JUNIPERUS HETZI, Hetzi Blue Juniper			
700	18 to 24 inches TTT	15.00	135.00
200	15 to 18 inches TTT	11.00	100.00
1400	12 to 15 inches TTT	8.50	80.00
1400	9 to 12 inches TTT	7.00	65.00
1000	6 to 9 inches TTT	4.50	40.00
JUNIPERUS PFITZERIANA, Pfitzer Juniper			
1600	18 to 24 inches TTT	15.00	135.00
2100	15 to 18 inches TTT	11.00	100.00
3600	12 to 15 inches TTT	8.50	80.00
2700	9 to 12 inches TTT	7.00	65.00
900	6 to 9 inches TTT	4.50	40.00
JUNIPERUS SABINA, Savins Juniper			
600	18 to 24 inches TTT	15.00	135.00
1100	15 to 18 inches TTT	11.00	100.00
1200	12 to 15 inches TTT	8.50	80.00
900	9 to 12 inches TTT	7.00	65.00
300	6 to 9 inches TTT	4.50	40.00
JUNIPERUS SCOPULORUM			
900	15 to 18 inches TTT	8.00	75.00
300	12 to 15 inches TTT	6.00	55.00
1600	9 to 12 inches TTT	4.00	35.00
1000	9 to 12 inches R.P.	1.80	15.00
JUNIPERUS STRICTA EXCELSA			
800	9 to 12 inches TTT	7.00	65.00
JUNIPERUS VIRGINIANA			
200	15 to 18 inches TTT	5.50	45.00
600	12 to 15 inches TTT	4.00	35.00
PICEA DENSATA, Black Hill Spruce			
300	6 to 9 inches TTT	3.50	30.00

EVERGREENS FOR LINING OUT—Continued

	Per 10	Per 100
PICEA EXCELSA, Norway Spruce		
600 12 to 15 inches TTT.....	\$ 5.00	\$ 45.00
1000 9 to 12 inches TTT.....	4.00	35.00
PINUS MUGHUS, Mugho Pine		
1000 6 to 9 inches TTT.....	6.00	55.00
1500 4 to 6 inches TTT.....	5.00	45.00
THUJA OCCIDENTALIS, American Arbor Vitae		
3000 6 to 9 inches R.P.....	1.00	8.00
THUJA OCCIDENTALIS WOODWARDI (WOODWARD GLOBE)		
2000 9 to 12 inches TTT.....	7.00	65.00
500 6 to 9 inches TTT.....	4.50	40.00
THUJA PYRAMIDAL, American Pyramidal Arbor Vitae		
200 18 to 24 inches TTT.....	15.00	135.00
600 15 to 18 inches TTT.....	11.00	100.00
1500 12 to 15 inches TTT.....	8.50	80.00
1400 9 to 12 inches TTT.....	7.00	65.00
900 6 to 9 inches TTT.....	4.50	40.00

HORIZONTAL JUNIPERS

JUNIPERUS ADMIRABILIS

Very compact bluish-green foliage. Very good ground cover. 6-8 inches high.

	Per 10	Per 100
400 12 to 15 inches TTT.....	\$ 7.50	\$ 70.00

JUNIPERUS ADPRESSUS

Foliage greenish-silver. A lighter green on the new tips. Grows very flat and tight to the ground. 4 - 6 inches high.

300 9 to 12 inches TTT.....	6.00	55.00
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JUNIPERUS ANDORRA PLUMOSA

Silvery green in spring turning to a rich purple bronze in autumn. 8-12 inches high.

600 15 to 18 inches TTT.....	10.00	90.00
800 12 to 15 inches TTT.....	7.50	70.00
400 9 to 12 inches TTT.....	6.00	55.00
300 6 to 9 inches TTT.....	4.50	40.00

JUNIPERUS PETRAEUS

Foliage a silvery-green, very attractive. 6-8 inches high.

200 9 to 12 inches TTT.....	6.00	55.00
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ROSES

Northern California Grown Under Irrigation

Our roses are Northern California grown, available for shipment from Shenandoah after early February. They are carefully grown; well sprayed during the growing season and dug only when well ripened. All are carefully graded under our personal supervision and with our exceptional storage facilities for storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

NEW SERVICES TO OUR CUSTOMERS

1. If requested with your order, we will supply without charge, copper wired printed wood labels for each non-patented rose purchased from us.
2. Large 4-color pictures of most varieties of roses **PURCHASED FROM US WILL BE SUPPLIED AT COST. ASK OUR SALESMAN OR WRITE US.**

T—Preceding variety indicates comparative tall growing varieties.

M—Preceding variety indicates comparative medium growing varieties.

S—Preceding variety indicates comparative short growing varieties.

Figures following variety indicate rating by American Rose Society.

All Roses are tied No. 1 and No. 1½, 10 per bundle; No. 2, 25 per bundle. We do not break bundles.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1 -----	\$ 6.50	\$ 60.00	\$550.00
No. 1½ -----	5.25	47.50	425.00
No. 2 -----	4.00	35.00	300.00

RED SHADES

S **Crimson Glory**, (9.1). Well known deep velvety-crimson of merit.

M **Etoile de Hollande**, (8.1). Dark velvety-red with fine fragrance.

M **Gruss an Teplitz**, (7.1). Medium sized dark maroon blooms in clusters. Very hardy

T **Poinsettia**, (7.6). Bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.

T **Radiance Red**, (7.9). Bright rose-red, form of Radiance.

PINK SHADES

M **Editor McFarland**, (7.1). Shapely buds and double, brilliant pink blooms.

M **Picture**, (8.0). Velvety-clear rose-pink with undertones of salmon. Very double.

T **Radiance Pink**, (7.9). Large, brilliant rose-pink. Very fragrant.

ROSES—Continued

HYBRID TEA AND EVERBLOOMING—Continued

YELLOW SHADES

- T Eclipse**, (8.1). Long streamlined bud, rich gold without shading.
- M Joanna Hill**, (7.1). Large, yellow with bronze shadings in center. Fragrant, vigorous.
- M McGredy's Yellow**, (7.5). Bright buttercup yellow with perfect form. Fragrant.
- M Mrs. E. P. Thom**, (6.7). Large, well shaped, bright canary yellow.
- M Mrs. Pierre S. duPont**, (7.4). Bud reddish-gold, flower golden-yellow, lighter with age.
- T Soeur Therese**, (7.5). Double blooms of rich yellow. Vigorous.
- T Yellow Sastago**, (7.0). Vigorous yellow sport of the popular bush variety.

TWO TONED SHADES

- M Autumn**, (6.5). Double blooms of orange, yellow and red. Vigorous and upright.
- M Bright Wings**, (5.8). Bud long-pointed, rosy orange; large double, cupped orange center shading to pink; strong stem.
- T Condesa de Sastago**, (7.4). Deep coppery-pink inside, golden-yellow reverse, double. Vigorous and prolific.
- M Countess Vandal**, (7.5). Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon.
- M Duquesa de Penaranda**, (7.2). Beautiful deep apricot.
- S Hinrich Gaede**, (6.3). Bright vermilion toned gold; good form; fragrant, a distinct and excellent variety.
- M Mme. Henri Guillot**, (8.4). Long urnshaped buds open to 20 petaled flowers, 4 1/2 inches across, watermelon to raspberry pink color with golden base.
- M Mme. Joseph Perraud**, (7.0). High-centered, perfectly formed buds and double blooms shading from shell-pink at the edges to buff and orange in the center. An excellent variety of superior quality.
- M McGredy's Sunset**, (7.5). Outside of petals is a clear buttercup yellow tipped orange, chrome-yellow flushed scarlet when open. Pleasing fragrance, borne on strong upright stems. Sun resistant.
- T Pres. Herbert Hoover**, (7.7). Beautifully colored buds and blooms of yellow with pink and flame tints.
- T Talisman**, (6.5). Glowing golden-yellow stained copper red.

WHITE SHADES

- T K. A. Viktoria**, (6.7). Popular, snowy white, double.
- M McGredy's Ivory**, (7.2). Large, well shaped, creamy-white; fragrant.
- M Pedralbes**, (7.4). Large, creamy-white opening to pure white with a yellow center. Airy fragrance.

ROSES—Continued**BABY ROSES—Dwarf Polyantha and Floribunda**

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00
No. XX Heavy	7.50	70.00	-----

M *Alain, (7.7). Bright carmine-red blooms come in clusters all over the densely branching plants; a good clear, lasting color. Semi-double, with large, bright golden centers. Thick foliage on strong green stems and husky plants. 2½ feet tall.

M *Baby Chateau, (7.3). Deep red massive blooms. One of the best of its type

T *Betty Prior, (9.0). Produces large fragrant clusters continuously throughout the season. Opens lively red turning to shell-pink. Desirable for mass planting.

S Cameo, (7.8). A distinct shade of shell-pink and salmon, with a glow of gold.

M Dagmar Spaeth, (8.2). Alabaster white edged pink.

M *Donald Prior, (8.3). Large, semi-double bright scarlet, flushed crimson flowers. Fragrant.

T *Else Poulsen, (7.6). Bright, rose-pink, semi-double, lasting.

T *Floradora, (8.2). Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 award.

M *Frensham, (8.6). Large, semi-double, slightly fragrant, deep crimson. Foliage dark, leathery. Very vigorous, bushy; abundant bloom.

M *Lafayette Improved, (7.3). Large clusters of bright cherry-crimson.

S Orange Triumph, (8.1). Salmon-red with orange shadings, blooming in enormous clusters.

S Pink Gruss an Aachen, (7.4). Deep Salmon rose colored sport of Gruss an Aachen.

S *Poulsen's Bedder, (7.4). Strong upright plant attaining a height of about 3 ft., producing masses of big, slightly ruffled blooms of clear rich pink. Long lasting.

M *Poulsen's Yellow, (5.8). Bud copper, yellow flowers semi-double, intensely fragrant.

M *World's Fair, (8.0). Produces large clusters of velvety blooms of fragrant blackish-scarlet with glowing mass of golden stamens.

***FLORIBUNDA AND HYBRID POLYANTHA VARIETIES.**

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS

Per 10 Per 100 Per 1000

Austrian Copper , single brilliant orange-red flowers inside, and yellow outside.			
18 to 24 inches.....	\$ 6.00	\$ 55.00	\$
2 to 3 feet.....	6.50	60.00	.....
Grootendorst Pink , charming pink variety of Grootendorst.			
12 to 18 inches.....	4.00	35.00	300.00
Hugonis , light yellow flowers borne profusely along the branches. Very hardy, blooms very early.			
2 to 3 feet.....	6.00	55.00	500.00
18 to 24 inches.....	5.50	50.00	450.00
12 to 18 inches.....	4.00	35.00	.....
Multiflora japonica , thorny type. Selected from types adapted for hardiness.			
2 to 3 feet.....	4.00	35.00	300.00
18 to 24 inches.....	2.90	25.00	220.00
Setigera , bright pink flowers, big clusters, blooms late.			
2 to 3 feet.....	5.50	50.00	.....
18 to 24 inches.....	4.50	40.00	.....
12 to 18 inches.....	3.50	30.00	.....

CLIMBERS AND RAMBLERS

Our Climbing Roses are California grown, mostly own roots, excepting Climbing Hybrid Teas are Buds. They are well furnished plants, well graded and we are confident they will please.

Aloha—See patented Roses for prices and descriptions.

Blaze, (8.1). Hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet Crimson flower.

Per 10 Per 100 Per 1000

No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.50	50.00	450.00
No. 2	3.70	32.00	280.00

Blaze, (...). Improved. New improved strain of the popular climber, recurrent blooming through-out the summer season until frost. Brilliant 2 to 3 inch, cupped, scarlet-red flowers.

Per 10 Per 100 Per 1000

No. 1	\$ 8.00	\$ 75.00	\$
No. 1½	6.50	60.00	.....

ROSES—Continued**CLIMBERS AND RAMBLERS—Continued**

City of York, (8.6). Cupped, wild-rose fragrance, creamy white. Foliage glossy, leathery. Very vigorous climbing; profuse bloom.

No. 1	\$ 6.50	\$ 60.00	\$ ----
No. 1½	5.50	50.00	----
No. 2	3.70	32.00	----

Climbing American Beauty, (7.6). Flowers rich red to Crimson.

No. 2	3.20	28.00	250.00
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Climbing Crimson Glory—See Patented Roses for prices and description.

Climbing Goldilocks—See Patented Roses for prices and description.

Climbing Peace—See Patented Roses for prices and description.

Climbing Hybrid Tea.

	Per 10	Per 100	Per 1000
No. 1	\$ 7.00	\$ 65.00	\$600.00
No. 1½	6.00	55.00	----
Etoile de Hollande, (8.6) bright red. Mrs. E. P. Thom, rich lemon yellow.			

Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.

	Per 10	Per 100	Per 1000
No. 1½	\$ 4.00	\$ 35.00	\$ ----
No. 2	2.50	22.00	----

Dorothy Perkins, (5.9). Soft shell pink flowers.

No. 1	4.50	40.00	----
No. 1½	3.20	28.00	----
No. 2	2.40	20.00	----

Doubloons, (7.1). Buds and flowers are clear golden yellow. Vigorous and hardy.

No. 1	6.50	60.00	----
No. 1½	5.50	50.00	----
No. 2	4.00	35.00	----

Dr. J. H. Nicolas—See Patented Roses for prices and description.

Dr. Van Fleet, (8.7.) Pale pink buds and flowers on long stems.

No. 1½	5.00	45.00	----
No. 2	3.20	28.00	----

Excelsa, double scarlet crimson blooms.

No. 1	4.50	40.00	----
No. 1½	3.20	28.00	----
No. 2	2.40	20.00	----

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

Per 10 Per 100 Per 1000

Gardenia, yellow buds and creamy flowers with rich yellow centers.

No. 1	\$ 5.50	\$ 50.00	\$
No. 1½	4.50	40.00	.....
No. 2	2.90	25.00	.....

Golden Showers—See Patented Roses for prices and description.**King Midas**—See Patented Roses for prices and description.**Mary Wallace**, (7.8). Outstanding large flowered pink climber.

No. 1	6.00	55.00	.....
No. 1½	5.00	45.00	.....
No. 2	3.50	30.00	.....

New Dawn, (8.8). **EVERBLOOMING CLIMBING ROSE**

Apple blossom pink flowers with old-rose fragrance.

No. 2	4.00	35.00
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Paul's Scarlet, (9.1). Intense scarlet flowers of excellent shape and good size, borne in clusters.

No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00
No. 2	3.20	28.00	250.00

Primrose, hardy, double canary-yellow flowers.

No. 1	6.00	55.00	.....
No. 1½	5.00	45.00	.....
No. 2	3.50	30.00	.....

Boyal Scarlet, similar to Paul's Scarlet but smaller and deeper in color.

No. 1	6.00	55.00	.....
No. 1½	5.00	45.00	.....
No. 2	3.20	28.00	.....

Silver Moon, (8.0). Large buds, creamy white flowers and semi-double golden anthers, small sprays.

No. 1	4.50	40.00	.....
No. 1½	3.50	30.00	.....
No. 2	2.40	20.00	.....

Spectacular—See Patented Roses for prices and description.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED HYBRID TEA ROSES

We are offering the following Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified. Prices are NET.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Ardelle, (7.3). Patent applied for. (Retails \$2.50 each; 3 or more \$2.20 each.) Large white rose with 90-100 petals. Petals recurve attractively and the bloom opens perfectly under most weather conditions despite its large size. A seedling of Peace. Robust growing bush with strong stems. Color varies from creamy-white, bluish-white to pure white.				
No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ ----
No. 1½	1.12	1.00	.96	----
M Aztec, (...). Patent No. 1648. (Retails \$2.75 each; three or more \$2.40 each.) Ovid buds open to big scarlet-orange blooms; lasting and color-fast. Vigorous semi-spreading plant, and blooms with exceeding freedom.				
No. 1½	1.20	1.10	1.04	.96
M Burnaby, (8.4). Patent No. 1314. (Retails \$2.50 each; 3 or more \$2.20 each.) Bud canary-yellow edged deep pink. Flowers well formed, outer petals pure white shading to primrose-yellow center. Foliage glossy dark green. Abundant bloomer.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	----	----
M Charles Mallerin, (6.2). Patent No. 933. (Retails \$2.50 each; 3 or more \$2.20 each.) Originated in France by Francis Meilland. A gorgeous Rose with blooms of midnight crimson velvet. Broad and heavy; very fragrant.				
No. 1½	1.12	1.00	.96	----
T Charlotte Armstrong, (9.0). Patent No. 455 (Retails \$2.25 each; 3 or more \$2.00 each.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	----



ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Diamond Jubilee, (6.5). Patent No. 824. (Retail				
\$2.25 each; 3 or more \$2.00 each.) Double,				
high centered flowers of glowing buff-orange,				
with a touch of orange-yellow at base of				
petals. A.A.R.S award for 1948.				
No. 1½	\$1.00	\$.90	\$ ---	\$ ---
M Forty-Niner, (6.8). Patent No. 792. (Retail \$2.25				
each; 3 or more \$2.00 each.) Brilliantly hued				
bi-color that justly secured an A.A.R.S. award				
for 1949. Its contrasting colors are startling				
in their brilliance, and yet they blend together				
beautifully. Inside of petals is a vivid Orient-				
Red, while the outside is a Chrome-Yellow,				
changing to Straw-Yellow. Colors are lasting				
and bright. The long bud opens to a well				
shaped bloom of 25 to 40 petals. Mildly				
fragrant.				
No. 1	1.25	1.12½	1.05	.96
No. 1½	1.00	.90	---	---
T Golden Masterpiece, (6.6). Patent No. 1284. (Retail				
\$3.00 each; 3 or more \$2.65 each.) Enormous,				
fragrant, golden-yellow flowers with high				
centers. A sensational new Rose. Glossy				
foliage on a strong plant.				
No. 1½	1.32	1.20	1.12	1.04
T Golden Scepter, (7.3). Patent No. 910. (Retail \$1.85				
each; 3 or more \$1.65 each.) Rare, new, un-				
fading, golden-yellow; long, slender buds,				
large, high-centered. Won the highest Rose				
award in Holland.				
No. 1	1.05	.92½	.85	.80
No. 1½	.84	.74	.68	.64
T Helen Traubel, (8.7). Patent No. 1028. (Retail \$2.75				
each; 3 or more \$2.40 each.) Named after one				
of the greatest of American Concert Artists.				
The color varies with the weather, sometimes				
a light sparkling pink, more often a luminous				
apricot. Its unusually large and long buds are				
magnificent and the half open flower and the				
glorious fully opened blooms display the lovely				
color in a more lavish way. Very vigorous				
grower. A.A.R.S award for 1952.				
No. 1	1.50	1.37½	1.30	1.20
No. 1½	1.20	1.10	1.04	.96

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Katherine T. Marshall, (7.2). Patent No. 607. (Retail				
\$1.85 each; 3 or more \$1.65 each.) A rose of				
rare beauty and delicacy of form — growing				
vigorously with large, open upright blooms of				
warm glowing pink, fruity fragrance. Perfect				
form and long stems.				
No. 1	\$1.05	\$.92½	\$.85	\$.80
No. 1½ .....	.84	.74	.68	----
T Love Song, (6.9). Patent No. 1360. (Retail at \$2.50				
each; 3 or more \$2.20 each.) First American-				
bred off-spring of Peace. Large blooms, glow-				
ing beauty of radiant, rich, salmon-pink, with				
brilliant yellow on the lower third of the pet-				
als and a lighter reverse. In bud-deep gold				
edged with a dark coppery rose. Plants sturdy,				
well foliaged.				
No. 1½	1.12	1.00	.96	.88
M Lowell Thomas, (7.7). Patent No. 595. (Retail \$2.25				
each; 3 or more \$2.00 each.) Bud large, long-				
pointed; flower large, very double (35 to 40				
petals), high-centered, lasting, clear canary-				
yellow, on strong stem. Vigorous, compact,				
bushy plants; upright, intermittent bloomer.				
A.A.R.S. award for 1944.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	----
T Mirandy, (7.7). Patent No. 632. (Retail \$2.25 each;				
3 or more \$2.00 each.) First place winner of				
All-American rose competition for 1945. A				
strong free-branching plant producing large,				
long-pointed ovoid buds of rich dark red with				
black shadings, opening to Chrysanthemum-				
Red. The flower of 50 petals displays new				
beauties of form and is long lasting. Marvel-				
ously fragrant.				
No. 1½	1.00	.90	.84	----
T Mojave, (7.6). Patent No. 1176. (Retail \$2.75 each;				
3 or more \$2.40 each.) A.A.R.S Award for				
1954. A Charlotte Armstrong cross retaining				
many of the fine plant characteristics of its				
parents along with the slender bud of that				
variety. The color is a blend of salmon, apricot				
and orange, and occasionally in cool weather				
the salmon changes to red blended with the				
other two colors.				
No. 1	1.50	1.37½	1.30	1.20
No. 1½	1.20	1.10	1.04	.96

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M New Yorker, (8.0). Patent No. 823. (Retail \$2.50 each; 3 or more \$2.20 each.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, up-right and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.				
No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
No. 1½	1.12	1.00	.96	.....
T Nocturne, (8.1). Patent No. 713. (Retail \$2.25 each; 3 or more \$2.00 each.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	.....
T Peace, (9.6). Patent No. 591. (Retail \$2.50 each; 3 or more \$2.20 each.) Ovoid buds are golden-yellow etched with pink as they open, color changes from canary-yellow to pale golden, to iridescent cream. Petals are edged with apple-blossom pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
T Pink Favorite, (7.8). Patent No. 1523. (Retail \$2.50 each; 3 or more \$2.20 each.) Long, pointed deep pink buds nestled in an abundance of glossy disease resistant leathery foliage.				
No. 1½	1.12	1.00	.96	.....
M President Eisenhower, (6.4). Patent No. 1217. (Retail \$2.25 each; 3 or more \$2.00 each.) Large blooms of rich, unfading, uniform rose-red with lasting brilliance, come singly on strong stems. It is admirably free and continuous in bloom on upright, bushy, 3 foot plants. Fragrant.				
No. 1½	1.00	.90	.84	.....

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued


PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Rose of Freedom, (7.7). Patent No. 791. (Retail \$2.00 each; 3 or more \$1.75 each.) Winner CITY OF PORTLAND AWARD for 1947. A Hybrid Tea with beautiful 60 to 70 petaled, long-stemmed, currant-red blooms with delightful true Rose fragrance. The lovely blooms are normally borne singly on strong straight 28 to 32 inch stems. The new wood is usually thornless. It blooms freely, on a vigorous, upright bush with abundant, handsome, disease-resistant foliage. Highest scoring red Rose in 1946-47 nation wide trials.				
No. 1½	\$.88	\$.80	\$----	\$----
T Rubaiyat, (8.2). Patent No. 758. (Retail \$1.85 each; 3 or more \$1.65 each.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly open into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter. A.A.R.S. award for 1947.				
No. 1	1.05	.92½	----	----
No. 1½	.84	.74	.68	.64
M Show Girl, (7.6). Patent No. 646. (Retail \$2.25 each; 3 or more \$2.00 each.) Deep pink exhibition rose; one of the best. Flourishes in all climates. Lovely buds on long stems.				
No. 1½	1.00	.90	.84	.76
T Sutters Gold, (8.1). Patent No. 885. (Retail \$2.25 each; 3 or more \$2.00 each.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow roses. The 24 petaled flowers are high-centered and richly colored. A.A.R.S. award for 1950				
No. 1½	1.00	.90	.84	.76
T Tallyho, (8.4). Patent No. 828. (Retail \$2.25 each; 3 or more \$2.00 each.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds before they unfold are deep Cardinal-red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.				
No. 1	1.25	1.12½	----	----
No. 1½	1.00	.90	----	----


ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T The Duke , (...). Patent No. 1522. (Retail \$2.50 each; 3 or more \$2.20 each.) Large blooms of 50 to 60 petals. Carmine-red sprayed with light gold beneath petals.				
No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ ----
No. 1½	1.12	1.00	----	----

 **T Tiffany**, (9.0). Patent No. 1304. (Retail \$2.50 each; 3 or more \$2.20 each.) A cross of Charlotte Armstrong and Girona, is a beautiful phlox pink producing blooms of outstanding quality. The long pointed buds are deep pink with golden yellow shading at base of petals. The flowers open to perfectly formed, double, high-centered blooms of a pleasing shade of pink; with petals of heavy texture the flowers have exceptional lasting qualities, and are produced singly on long strong stems. Outstanding fragrance. The plant has an upright habit with vigorous growth and dark green foliage. A.A.R.S. award for 1955.

No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	----

 **M White Knight**, (...). Patent No. 1359. (Retail \$3.00 each; 3 or more \$2.65 each.) First white Hybrid Tea ever awarded the A.A.R.S. honor. Truly spectacular white Hybrid Tea with superb form of both bush and flower. The satiny white blossoms hold their purity color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A.A.R.S. award winner.

No. 1½	1.32	1.20	1.12	----
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M White Swan, (6.8). Patent No. 1115. (Retail at \$2.50 each; 3 or more \$2.20 each.) Long-pointed, graceful buds of alabaster-white, opening slowly to dazzling stark-white blooms.

No. 1	1.40	1.25	1.20	----
No. 1½	1.12	1.00	.96	----

PATENTED GRANDIFLORA ROSES

"The New GRANDIFLORA CLASS consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower size, tho not necessarily as large as hybrid teas, is larger than the average Floribunda, with Hybrid Tea Standard for bud and flower form."

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Buccaneer , (7.3). Patent No. 1119. (Retail \$2.50 each; 3 or more \$2.20 each.) Brilliant flowers of non-fading, lasting clear yellow. Strong growing plant. Received Gold Medal at the Geneva, Switzerland Trials and Certificate of Merit at Bagatelle and Rome.				
No. 1½	\$1.12	\$ 1.00	\$.96	\$.88

ROSES—Continued

PATENTED GRANDIFLORIA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<p>T Carrousel, (9.0). Patent No. 1066. (Retail \$2.00 each; 3 or more \$1.75 each.) The large double flowers could easily class this rose as a Hybrid Tea, but the blooms appear in clusters so free blooming it is classed as a Floribunda. Continuous mass of glowing deep red flowers regardless of weather. Tall growing, rather upright. Mildew resistant.</p>				
No. 1	\$1.10	\$ 1.00	\$.95	\$.85
No. 1½ .....	.88	.80	.76	.68
<p>T Montezuma, (9.0). Patent No. 1383. (Retail \$2.75 each; 3 or more \$2.40 each.) The bright orange-scarlet of its fresh buds changes to salmon-orange in the open flower. The sleek buds are borne in profusion. The plant is a compact grower with leathery, semi-glossy foliage.</p>				
No. 1½	1.20	1.10	1.04	.96
<p>T Queen Elizabeth, (9.1). Patent No. 1259. (Retail \$2.50 each; 3 or more \$2.20 each.) First Grandiflora Rose. Pure pink, and its blooms are set off dramatically by glossy, deep green foliage. The flowers of this first representative of the Grandiflora class are exquisitely formed and high-centered like a Hybrid Tea. Flowers are borne on long, almost thornless stems which are ideal for cutting. Blooms are carried both singly and in clusters after the manner of the Floribundas, and hold exceptionally well when out. Queen Elizabeth is a cross between Charlotte Armstrong, the famous Hybrid Tea, and Floradora, a Floribunda. Both of the parents were recipients of the All-American Rose award. A.A.R.S. award for 1955.</p>				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.....	.....
<p>T Starfire, (...). Patent applied for. (Retail \$3.50 each; three or more \$3.10 each.) Glowing currant-red high centered blooms; distinctive, fluorescent, non-fading. Excellent for cutting. Bronzy green foliage. Vigorous, abundant. A.A.R.S. award for 1959.</p>				
No. 1½	\$1.48	\$ 1.40	\$ 1.24	\$ 1.12

ROSES—Continued
PATENTED FLORIBUNDA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
S Amy, (...). Patent No. 1455. (Retail \$2.00 each; 3 or more \$1.75 each.) Beautiful rich satin-pink clusters on a compact symmetrical shaped bush makes it resemble a pink pin cushion when in full bloom.				
No. 1½	.88	.80	.76	.68
M Baby Blaze, (7.9). Patent No. 1362. (Retail \$2.00 each; 3 or more \$1.75 each.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.				
No. 1	1.10	1.00	---	---
No. 1½	.88	.80	.76	.68
M Circus, (7.5). Patent No. 1382. (Retail \$2.50 each; 3 or more \$2.20 each.) New multicolor Floribunda and only winner of A.A.R.S. Award for 1956. The predominant color is yellow with the tight buds richly marked with red. As the blooms unfold, they offer an ever-changing succession of delightful shades with the fully-blown flowers putting on a finishing flourish of bright scarlet. Changing colors — yellow, orange, scarlet, buff, apple blossom pink and red makes it unique in the rose world. Medium height, about 28 inches, compact, handsomely foliaged. Flowers borne in clusters. Fragrant.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
M Fashion, (8.9). Patent No. 789. (Retail \$2.00 each; 3 or more \$1.75 each.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. award for 1950.				
No. 1	1.10	1.00	---	---
No. 1½	.88	.80	.76	.68
M Fusilier, (...). Patent applied for. (Retail \$2.50 each; 3 or more \$2.20 each.) A rich orange-red of great brilliance and luminescence which runs to a darker cherry red in the fall of the year. The high colored flowers are produced in heavy clusters, and a wavy effect in the frilled petals of the large blooms heightens the luminescent effect. 1958 A.A.R.S. award winner.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Geranium Red, (7.1). Patent No. 811. (Retail \$1.75 each; 3 or more \$1.55 each.) Flowers very double. (50 petals,) strong geranium fragrance, bright geranium-red; cluster.				
No. 1	\$1.00	\$.87½	\$.64	\$.60
No. 1½ .....	.80	.70	.64	.60
M Gold Cup, (...). Patent No. 1683. (Retail \$2.50 each; 3 or more \$2.20 each.) Lovely golden-yellow that holds its color throughout the life of the flower. The pure yellow of the blossoms contrast beautifully with the very ornamental glossy foliage. Since yellow floribunda are quite rare, this one with its lovely fragrance will be extremely popular. 1958 A.A.R.S. award winner.				
No. 1½	1.12	1.00	.96	.88
S Goldilocks, (7.3). Patent No. 672. (Retail \$1.75 each; 3 or more \$1.55 each.) Rich golden yellow, buds are ovoid in shape, long lasting hardy, and vigorous.				
No. 1	1.00	.87½	.80	.75
No. 1½ .....	.80	.70	.64	.60
M Independence, (8.2). Patent No. 1036. (Retail \$1.75 each; 3 or more \$1.55 each.) Large brilliant orange-scarlet or better described as fire-cracker red.				
No. 1	1.00	.87½	.80	.75
No. 1½ .....	.80	.70	.64	.60

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Ivory Fashion, (...). Patent No. 1688. (Retail \$2.75 each; 3 or more \$2.40 each.) Long slender ivory colored buds opening to four inch flowers; long decorative golden stamens. Fragrant, long lasting. Healthy plant to 30 inches. A.A.R.S award for 1959.				
No. 1	\$1.50	\$ 1.37½	\$ 1.30	\$ 1.20
No. 1½	1.20	1.10	1.04	.96



Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Jiminy Cricket, (7.5). Patent No. 1346. (Retail				
\$2.00 each; 3 or more \$1.75 each.) A Floribunda,				
which features tangerine red buds, opening				
to coral-orange and finishing in a pink coral				
which is close to the color of Fashion. It has				
a pleasing old Rose fragrance reminiscent of				
the Hybrid Tea Class. Foliage is glossy bronze				
in the early stages and at maturity turns to				
a lush glossy green. The vigorous upright				
growth makes Jiminy Cricket ideal for hedges				
and its prolific blooming habit qualifies it				
as an outstanding color mass or border edge.				
When cut, the flowers hold well for household				
arrangements. A.A.R.S. award for 1955.				
No. 1	\$1.10	\$ 1.00	\$.95	\$.85
No. 1½ .....	.88	.80	.76	.68
M Ma Perkins, (7.9). Patent No. 1143. (Retail \$2.00				
each; 3 or more \$1.75 each.) 1953 A.A.R.S.				
WINNER. This very free blooming floribunda				
rose, with its sweetly pungent fragrance,				
shows a translucent light fashion color with				
shades of red in outer petals. A suffusion of				
yellow is present in all the early stages of				
bloom. With aging comes a soft coral shell				
pink. Ma Perkins is strong, yet compact.				
Flowers are cup shaped. Rich green foliage.				
No. 1	1.10	1.00	.95	.85
No. 1½ .....	.88	.80	.76	.68
M Pinocchio, (7.8). Patent No. 484. (Retail \$1.75				
each; 3 or more \$1.55 each.) A hardy plant				
producing an abundance of pointed buds of				
salmon-flushed gold, opening to miniature				
hybrid-tea like roses of soft clear pink and				
in great clusters.				
No. 1	1.00	.87½	.80	.75
No. 1½ .....	.80	.70	.64	.60
M Red Pinocchio, (8.8). Patent No. 812. (Retail \$1.75				
each; 3 or more \$1.55 each.) Masses of 3½				
inch flowers in unfading clusters. Rich car-				
mine; gradually deepens as blooms open. Wild				
rose fragrance. Vigorous; prolific bloomer.				
No. 1½ .....	.80	.70	.64	.60
T Spartan, (9.3). Patent No. 1357. (Retail \$2.50 each;				
3 or more \$2.20 each.) A rich warm new rose				
with a scintillating color of sparkling orange				
red in bud which gently softens to a reddish				
coral at the finish. Flowers are produced both				
in large clusters and singly on long stems.				
Foliage is a rich dark green and one of the				
toughest and most disease resistant of any rose.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

ROSES—Continued**PATENTED FLORIBUNDA—Continued**

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Vogue, (8.2). Patent No. 926. (Retail \$2.00 each; 3 or more \$1.75 each.) A Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three to four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. award for 1952.				
 No. 1	\$1.10	\$ 1.00	\$.95	\$.85
No. 1½	.88	.80	.76	.68
M White Bouquet, (...). Patent No. 1415. (Retail at \$2.50 each; 3 or more \$2.20 each.) Lovely white floribunda with 4-5 inch gardenia-like blooms. Sweet spicy fragrance. Golden yellow stamens. Flowers produced both in clusters and individual blooms. Medium sized plant, excellent for bedding or border planting. 1957 A.A.R.S. AWARD WINNER.				
 No. 1	1.40	1.25	---	---
No. 1½	1.12	1.00	.96	.88
S White Pinocchio, (5.6). Patent No. 1010. (Retail \$1.50 each; three or more \$1.30 each.) Outstanding floribunda, semi-double flowers of pure white with yellow stamens. Large 2 to 2½ inch flowers.				
No. 1½	.72	.60	.56	.52
M Yellow Pinocchio, (6.2). Patent No. 992. (Retail \$1.50 each; 3 or more \$1.30 each.) Newest member of the Pinocchio family. Sturdy bush about three feet tall, producing great masses of bloom in an apricot-yellow color. When at the peak of bloom, it is a rounded mound of yellow.				
No. 1½	.72	.60	.56	.52

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Aloha, (6.2). Patent No. 943. (Retail \$2.50 each; 3 or more \$2.20 each.) The primary bud develops into a gorgeous five inch bloom, but the secondary buds do not open fully until the first flower has practically finished. Rich rose-pink with soft lilac silvery pink on inside of petals when open. Deeper tones when in tight buds.				
No. 1	\$1.40	\$ 1.25	\$.96	\$.88
No. 1½	1.12	1.00	.96	.88
Clg. Crimson Glory, (8.3). Patent No. 736. (Retail \$2.50 each; 3 or more \$2.20 each.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.				
No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED CLIMBERS—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Clg. Goldilocks, (6.9). Patent No. 1090. (Retail \$2.50 each; 3 or more \$2.20 each.) A truly ever-blooming yellow climber producing ovoid shaped buds resembling miniature hybrid teas of rich golden-yellow color. Like the floribunda, Goldilocks as a climber blooms in larger clusters. Recommended to bloom first year after planting.				
No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
No. 1½	1.12	1.00	.96	.88
Dr. J. H. Nicolas, (7.1). Patent No. 457. (Retail \$2.00 each; 3 or more \$1.75 each.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.				
No. 1½ .....	.88	.80	.76	.68
Golden Showers, (...). Patent No. 1557. (Retail at \$2.75 each; 3 or more \$2.40 each.) Golden Showers is the first winter-hardy, ever-blooming Pillar and Climbing Rose that actually blooms from early spring through late fall. The buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25 to 30 petaled, 3½ to 4 inch, yellow open blooms. Almost thornless. Highly resistant to mildew and black spot. 1957 A.A.R.S. AWARD WINNER.				
No. 1	1.50	1.37½	1.30	.....
No. 1½	1.20	1.10	1.04	.96
King Midas, (6.7). Patent No. 536. (Retail \$2.00 each; 3 or more \$1.75 each.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.				
No. 1	1.10	1.00	.95	.85
No. 1½ .....	.88	.80	.76	.....
Spectacular, (...). Patent No. 1416. (Retail at \$2.50 each; 3 or more \$2.20 each.) New orange red color, similar to the Floribunda Independence color, particularly effective in this new Climber. Strong grower, 6 to 7 feet canes which continue to greater height the following year. Carries orange-red to spectrum red clusters of 4 inch flowers for a long time.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

Visitors are always welcome to inspect our rose field at Gustine, California — 90 miles south and east from San Francisco or 22 miles south from Modesto.

EXTRA PROFITS

WITH PACKAGED

NURSERY STOCK

Progressive Nurserymen everywhere are cashing in on this extra profit line. A "cash and carry" line with rapid turn-over and big net profits. Just the thing for your down-town Store, Sales Yard or in your office.

Aggressive, modern merchandising methods increase your gross sales and net profits. Let us help you!



THE MOST COMPLETE LINE OF PACKAGED STOCK EVER OFFERED!

A complete selection of
the newest and best

PATENTED ROSES NON-PATENTED ROSES

Hybrid Tea (H.T.)
Floribunda
Climbing H. T.
Hardy Climbers

SHRUBS
HEDGE AND VINES
SHADE TREES
FRUIT TREES
BERRY FRUITS
PEONIES AND BULBS



OUR 42 YEARS EXPERIENCE

in packaging Nursery Stock, enables us to offer you all the items in greatest demand, attractively and efficiently packaged to insure complete customer satisfaction and rapid turn-over without shrinkage losses. The fastest selling items, in the most attractive packages at low prices that appeal to your customers and insure big profits.

MOUNT ARBOR ROSES ARE GROWN IN NORTHERN CALIFORNIA

under ideal soil and climatic conditions. Rich new soil. Growth controlled by irrigation. Naturally ripened by frosts in late Fall. Carefully dug and graded under our supervision. Stored in our new, modern Rose Storage at Shenandoah, under refrigeration, which retains all the vitality in the bushes until late Spring.

Sell Mount Arbor Northern California grown rose bushes exclusively.

HOW TO SUCCEED WITH POTTED ROSES

These suggestions are based on information supplied by customers who have successfully grown roses in pots for several years. As there is a wide difference in soil and climatic conditions, proper allowance must be made for any unusual conditions in your area.

1. When to Pot Roses

Arbitrary dates can not be established as this date is influenced by local weather, facilities to protect plants in leaf from damaging frosts, when you wish to start selling, etc. Unless you have facilities to protect from damaging frosts, bushes should not be forced into leaf before all danger of freeze damage is past.

2. Preparation Of Potting Soil

It is important that the soil drain well and not cake in pot. If you have good friable garden loam, use 4 parts dirt and 1 part (20% to 25%) fiber (i.e, 1 part sphagnum peat or rotted cow manure). If your soil is too heavy, use 3 parts soil, 1 part sand or Terralite or Vermiculite, and 1 part fiber. To above, add 10 to 12 lbs. 5-10-5 fertilizer for each cubic yard of soil.

Mix well and run through a soil shredder.

3. Pruning Bushes

Prune tops to 6 to 8 inches above bud. Cut roots to 6 to 8 inches.

4. Planting Bush In Pot

Put 3 to 4 inches prepared soil in bottom of pot. Hold bush centered in pot with roots spread in all directions (but not folded). Fill pot $\frac{1}{2}$ to $\frac{2}{3}$ full of prepared soil and carefully tamp it firmly around roots. Fill pot to 1 inch from the top with firmly tamped soil. Bud should be at soil line or slightly higher.

5. Care Of Potted Bushes In Frames

Frames should be located in a sunny, well drained area protected from severe winds. Set pots in frames separated 2 to 4 inches on all sides to provide proper aeration. Soak well with water.

Cover frames with burlap which hangs well over edges and is fastened so winds will not disturb. Or, pack clean hay or straw firmly around top branches. Keep this burlap or hay moist at all times. Do not remove until eyes on most bushes begin to show green.

IT IS IMPERATIVE THAT HIGH HUMIDITY BE MAINTAINED UNDER BURLAP AND CANES ARE NOT PERMITTED TO DRY OUT.

6. Foliar Feeding After Foliage Appears

Excellent results are secured with the newer water soluble fertilizers applied as you water the plants. If used as directed on container, root and top growth are stimulated without damage.

PEONIES

We offer our usual fine grade of 3 to 5 eye divisions clean, healthy, and strictly true to name, from plants not older than three years. As we do not use our fields for commercial cut flowers, you can depend on thoroughly rouged stock, and fine young plants. Available after September 15th.

The figures after the name of the variety imply the rating given these Peonies by the American Peony Society.

* INDICATES RECOMMENDED CUT-FLOWER VARIETIES

	Per 10	Per 100
Albert Crousse, (8.6). Late. Pink with faint salmon tints; rose-type flowers.	\$ 4.00	\$ 35.00
*Alexander Dumas, (7.1). Late Crown-type, brilliant pink, large compact, bomb-shaped, fragrant.	3.50	30.00
*Alsace Lorraine, (8.8). Late. Pointed white petals, suffused with a golden light from the stamens.	5.50	50.00
*Avalanche, (Albatre) (8.7). Late mid-season. Large, free blooming fine white.	4.50	40.00
Benjamin Franklin, (8.1). Mid-season. Dark, rich crimson.	4.50	40.00
Charles McKellip (7.8). Late mid-season. Bright red.	4.50	40.00
Chestine Gowdy, (8.4). Late. Outer petals shell pink, enclosing a ring of creamy petals, then a tall cone of pink splashed carmine.	4.50	40.00
*Felix Crousse, (8.4). Mid-season. Brilliant, ruby-red.	4.00	35.00
Francois Ortegat, (6.7). Semi-rose type. Large deep crimson with brilliant golden-yellow anthers. Fragrant. Mid-season.	3.20	28.00
*Fulgida, (5.7). Semi-rose type. Ruby-red. Late Mid-season.	3.50	30.00
Grover Cleveland, (8.2)...Rose type. Very large, full dark crimson blooms. Late mid-season.	4.50	40.00
*Karl Rosefield, (8.8). Mid-season. Brilliant velvety-crimson blooms.	4.50	40.00
Lady Alexander Duff, (9.1). Mid-season. Very large, light blush pink flowers.	4.50	40.00
*Livingstone, (8.1). Best of all late varieties. Deep pink with flecks of crimson in center.	4.00	35.00
*Martha Bulloch, (9.1). Late. Soft rose-pink shading to silvery shell-pink on the outer petals.	7.50	-----
Meissonier, (6.5). Bomb type. Brilliant crimson, full double flowers on stiff, wiry stems. Mid-season.	3.20	28.00
*Mme. Jules Dessert, (9.4). Mid-season. Creamy white with faint tints of pink and buff.	6.50	60.00
Philomele, (7.7). Mid-season. Attractive, novel bloom of pink and yellow.	4.00	-----
President Roosevelt, (7.7). Mid-season. Very fine brilliant red.	4.00	35.00
Rachel, (7.9). Mid-season. Bright garnet shaded ruby-red.	4.00	35.00

PEONIES—Continued

	Per 10	Per 100
*Sarah Bernhardt, (9.0). Mid-season. Apple-blossom pink with a silvery edge on petals.	\$ 4.50	\$ 40.00
Souv. De Louis Bigot, (9.1). Mid-season. Vivid rich pink with a salmon undertone.	6.00	55.00
*Tourangelle, (9.4). Large blooms of pearl overlaid delicate shade of salmon-pink.	5.00	45.00

PEONIES BY COLOR

Pink	2.90	25.00
Red	2.90	25.00
White	3.50	30.00

JAPANESE AND SINGLE PEONIES

	Per 10	Per 100
Dia Jo Kuhan, This variety produces blooms in clusters of 4 to 6 blooms per cluster. It is a deep pink with small, short yellow stamens.	\$ 5.50	\$ 50.00
Mikado, (8.6). Mid-season. Single dark red with large golden samens.	5.50	50.00
Mischief, (8.66). Single light pink. Extra large bloom, yellow stamens, tall growers.	5.50	50.00
Okinawa, Single light red, yellow stamens, medium size.	5.50	50.00
Pride of Shenandoah, Often called single Mons. Martin Cahuzac, with yellow stamens.	5.50	50.00



Peonies and shrubs planted on contour at Shenandoah. We grow 1950 acres of stock at our Nurseries here.

MOUNT ARBOR CERTIFIED QUALITY BULBS

We offer an attractive Line of Packaged Bulbs in all wanted varieties. The registered box design is in three colors; with the large colored picture and label, in six colors. This is another Mount Arbor exclusive feature — not available elsewhere.

All "Certified Quality" varieties are of outstanding merit — The very best in each Group. Carefully selected for beauty and vigor, to insure complete customer satisfaction. For an attractive Nursery display, with maximum sales appeal, buy "Certified Quality" Roses, Peonies and Bulbs.

For further information in regard to varieties and prices, write for our special Packaged Nursery Stock Listing.

PERENNIALS

We are one of the largest growers of Hardy Perennials and Rock Garden Plants in the United States, devoting approximately 100 Acres of overhead irrigation system for the specialized production of this type of plant.

Our variety list is complete. Many new varieties are being included in this list—while we have many other varieties in the course of testing for future introduction. Our plants are, except as specified, field grown and properly transplanted to give necessary root development for high class landscape planting.

All perennials should be shipped by Express. They are very perishable, and should not be included in a freight shipment.

RG means adaptability for Rock Garden planting.

★Indicates New and Novelty varieties. These have all been thoroughly tested, and we can recommend them very highly.

ACHILLEA, Milfoil or Yarrow (RG)

Per 10 Per 100

Angels Tears. It grows as an inverted bowl, twenty inches high and spreads two feet. In flower, it is so profusely covered that the rich green foliage, decorative otherwise can scarcely be seen. The white is the purest, and the composition of the flower is fully double without a trace of center.\$ 2.10 \$ 18.00

ACHILLEA

Per 10 Per 100

Gold Plate—Large flat heads of golden-yellow flowers on 3 to 4 feet stems. July-September.\$ 2.10 \$ 18.00

AQUILEGIA, Columbine. May-June. (RG)

Per 10 Per 100

Chrysantha L. S. Beautiful golden yellow flowers; blooms for two months.\$ 1.80 \$ 15.00

Crimson Star—New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.1.80 15.00

Long Spurred Blue Shades. Extra long spurs.1.80 15.00

Long Spurred Rose Queen. Rose shades.1.80 15.00

Long Spurred Snow Queen. Extra long spurs.1.80 15.00

McKana Giant Hybrids. 1955. All American winner. Large showy flowers with long spurs more widely flared than in other Aquilegias. Colors include white, cream and rose, yellow and red, yellow and violet. Flowers 3 to 4½ inches across with 3 inch spurs. Strong, free blooming plants 20 to 26 inches high.2.10 18.00

Mrs. Scott Elliot's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.1.80 15.00

Waller Franklin Hybrids Mixed. Superior to any strain of which we have knowledge. This blend contains many unique colors. 3 ft.1.80 15.00

PERENNIALS—Continued

Per 10 Per 100

ASCLEPIAS, Butterfly Weed (RG)

Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.	\$ 1.80	\$ 15.00
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ASTERS

DWARF VARIETIES (RG)

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.80	15.00
Peter Harrison. New beautiful rose pink. 15 inch mounds.	3.50	30.00
Snowsprite. Cushions of pure white flowers. Dwarf, compact and bushy. September. Height 1 ft.	1.80	15.00
White Fairy. Florets are of more starry form and the color is near blush rather than pure white. Large attractive bush up to 12 inches high. Rather late.	3.50	30.00
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1.80	15.00

ENGLISH ASTERS

Per 10 Per 100

Eventide. A masterpiece from England. Striking deep violet blue, huge and almost full. Trimly erect, free and vigorous. Fine for cutting. 3 ft.	\$ 3.50	\$ 30.00
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Per 10 Per 100

UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.

★Adorable. Deeper, clearer pink, very rare in fall flowers. Small reddish rosette-like buds. Clean dark green foliage. Height 4 to 4½ ft. Blooms September to frost.	\$ 2.10	\$ 18.00
Alaska. Pure marble-white without any tinting; unquestionably the finest and purest white Aster offered. Flowers are big 2½ inches across and give a ray-like effect with double layer of flower petals. Makes a fine upright plant about 24 to 30 inches tall, quite rounded but completely covered with flowers when in bloom.	3.50	30.00
Aquila. Almost cone-shaped broad and upright. Grows about 24 to 30 inches high. The cone of green becomes a magnificent mass of lightest pale blue in autumn. The flowers are about 2 1/2 inches across, semi-double, completely hiding the foliage.	3.50	30.00
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.	2.10	18.00

PERENNIALS—Continued

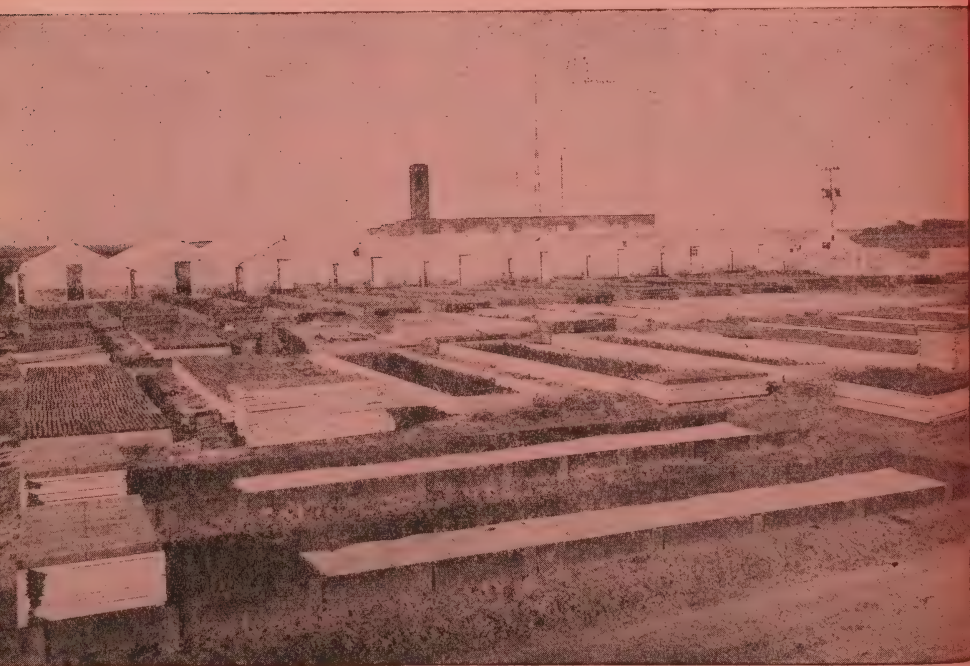
ASTERS—Continued

Per 10 Per 100

★ Palmyra. The best pink of Novi-Belgii type. A very hardy vigorous growing aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid-September to frost. 3 to 4 feet.			\$ 2.10	\$ 18.00
Sunset. A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. 36 inches tall.			1.80	15.00

BUDDLEIA, Butterfly Bush, (See Shrubs).**CAMPANULA, Belleflower.**

Calycanthema (Cup and Saucer.) In separate colors, Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.			1.40	12.00
Medium (Canterbury Bells.) In separate colors, Blue, Rose and White. June. 2 ft.			1.40	12.00



Our propagation facilities are modern so as to produce the finest nurserystock for our customers.

CHRYSANTHEMUMS

We supply 2½ inch pot plants on all varieties of Chrysanthemums.

RECENT INTRODUCTIONS

(The Chicago Strain)

APACHE. Orient-red to dark brilliant firecracker-red with golden overcast. Quilled petals. Very tough, weather-resistant flowers, 4 to 5 inches in diameter. In bloom from mid-September until heavy frost.	\$ 2.90	\$ 25.00
CANDLELIGHT. Well-formed flowers of ivory-white. Excellent habit.	2.10	18.00
COURAGEOUS. Shining dark ruby-red, large double flowers. A truly magnificent plant.	2.10	18.00
CROWN JEWEL. A 3 inch, currant-red flower with a brilliant sheen. Strong sturdy, free blooming through October.	2.10	18.00
ERMINE. Wide-Petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Excellent when cut.	2.10	18.00
GLOWING COALS. Bright deep cherry-red, with orange reverse. Well branched sprays. One of the best early reds. Blooms mid-September.	2.10	18.00
HEARTHFIRE. Bright red flowers, showing a small yellow center when fully open. Ideal for cutting. Double. Early September.	1.80	15.00
LEE POWELL. Masses of fluffy chinese-yellow flowers with a slight orange tinge at center. Very similar to large greenhouse varieties. Tall upright bush.	2.10	18.00
MAGNIFICENT. Glorious 4-inch flowers of plum-red or rosy cardinal, with coppery cast. Strong branches excellent for cutting. Blooms October 1.	1.80	15.00
MALINDA BROWN. A magnificent clear self lavender-pink. Flowers globular, mounded to center; petals strongly incurved and twisted. Very strong and healthy.	2.10	18.00
MYRTLE WALGREEN. Rich amaranth-purple underlaid with silvery lilac, aging to clean clear mallow-purple. Fine for cut flower. Blooms in late September.	2.10	18.00
POLAR ICE. A pure white double flower of 3 inches. Grows vigorously, flowers freely and bunches nicely. This flower is a pure white at all times, without the cream center. Petal arrangement is somewhat open, and it shows a small center when mature. Early September.	2.10	18.00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

	Per 10	Per 100
ADORABLE. Clear bright rose-pink with salmon reverse. Large flower, early and dependable bloom.	\$ 2.90	\$ 25.00
AUTUMN BEAUTY. A brilliant sparkling reddish-chestnut. The best early bronze.	2.10	18.00
AVALANCHE. Large shaggy white with cream center. Everyone's favorite. Good for early cutting.	2.10	18.00
CHIPPA RED. Sporting from the famous Chippewa, its unrestrained sprays of velvety Turkey-red to smokey maroon are even eye-catching. 2 feet. September 20.	2.90	25.00
CHIPPEWA. Gorgeous, bright aster-purple, slightly incurved. Does well in the North.	2.10	18.00
CROWNING GLORY. Magnificent new flower of Spanish-orange overcast with Coral, darker at center. Strong upright plant. Could be described as a glorified Beacon that blooms two weeks earlier.	2.40	20.00

PERNNIALS—Continued

CHRYSANTHEMUMS—Continued

Per 10 Per 100

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS—Continued

DELIGHT. Large, perfect flower of golden-yellow. Excellent plant and foliage. We consider this the best early Yellow.	\$ 2.10	\$ 18.00
FASCINATION. A true "glamazon," with giant 4-inch flowers of silver lavender-pink. Occasionally fleecy white blooms in some soils. Heavy 2 foot bush. September 25.	2.10	18.00
FOOTBALL BRONZE. An extremely early, large flowering, incurved bronze. Very tall, strong, upright plant.	2.90	25.00
LADY'S CHOICE. A large pastel, which could be described as pink-ivory. A fully double, 4 inch flower on a magnificent plant. Fine for arrangements.	2.40	20.00
OLD LAVENDER. Large, massive, pure lavender self flowers on strong, study stems. Large brighter and earlier than Lavender Lady.	2.90	25.00
PATRICIA LEHMAN. Sparkling geranium pink with peach center. Recurved and twisted petals give a fluffy, feathery effect. Strong growth, good for cut flowers.	2.40	20.00
PURPLE WATERS. Our best early deep purple. 24 inch plant smothered with blooms.	2.10	18.00
WHITE CLOUD. Large feathery, pure white. Strong plant. We consider this the most satisfactory of all white Mums for garden planting.	2.90	25.00

NEWER OUTSTANDING BUTTON POMPON

Per 10 Per 100

EARLY CRIMSON. Brilliant sparkling jewel-like pompon flowers of bright crimson on stiff, upright plants.	\$ 2.40	\$ 20.00
FIELDS OF SNOW. Pure white with yellow center. 1 1/2 ft.	2.10	18.00
JEWELL TONE. Sparkling bright rose-pink pompon. Excellent for pots or short stemmed cuts. Really a jewel.	2.50	22.00
LEMON DROP. A yellow button pompon with a slight green overtone radiating from the center. Extra fine foliage and habit.	2.10	18.00
SEPTEMBER CLOUD. Beautiful rounded blossoms of purest white with primrose shading in center. Mid-September till frost.	2.10	18.00

CUSHION CHRYSANTHEMUM

Sometimes called "Million Mums." A group of low growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 to 12 inches high. Our stock is of improved strains. Most varieties begin blooming late in August and bloom until frost.

Per 10 Per 100

CUSHION BRONZE. Beautiful coppery-bronze cushion. Color lightens with age.	\$ 1.90	\$ 16.00
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PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

	Per 10	Per 100
CUSHION GOLDEN MOUND. Excellent golden yellow cushion. Numerous 2 inch flowers on short, dark green branches.	\$ 2.10	\$ 18.00
INDIAN MAID. A 1957 introduction. A deep crimson so outstanding that it's sure to become one of the most popular cushion mums.	2.90	25.00
CUSHION LIPSTICK. New 1955. We think that this will be the leading red of the future. As its name implies, the brilliant red colors are real eye-catchers. Mid-season cushion.	2.10	18.00
CUSHION POWDERPUFF. A miniature avalanche of ivory-white flowers produced on a low mound-like, cushion plant.	2.90	25.00
CUSHION ROSE. Flowers open to a deep, orchid pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center.	1.90	16.00
CUSHION ROUGE. A far superior red semi-cushion. Intense red flowers show a small bright yellow center when matured.	1.90	16.00
CUSHION TWINKLE. We know no finer fushia-purple cushion.	2.90	25.00

AK-SAR-BEN

	Per 10	Per 100
First year offered to the public. Introduced by the North Platte, Nebraska Experimental Station. Quilled flower form, good for cutting and arranging. Flowers borne singly or in loose clusters. Flower heads range from 3 to 5 inches across. Color suntan overlaid rose. Late August.	\$ 5.00	\$ 45.00

ALL AMERICAN MUM SELECTIONS

A group of better mum hybridizers have organized the A.A.M.S., and like the A.A.R.S. in roses, all new varieties are tested in Official Test Gardens all over the U. S. A. and carefully scored for performance. Only the best receive awards. These are their introductions for 1958.

2 1/4" potted plants

	Per 25 Each	Per 100 Each	Per 200 Each
Wholesale prices	\$.65	\$.50	\$.45
Suggested retail prices	\$ 1.50 each	3 for \$3.75	

BURNING BRONZE P.A.F. Tangerine, bronze and orange medley, a spirited splash of fall color. Very free vigorous 2 1/2 foot bush loaded with 2 1/2 inch blossoms. Wonderful cutting sprays. A real knockout.

RUBY KING P.A.F. Best dark red cushion of the day. Brilliant, shining red flowers cover a shapely, low growing plant. Ideal for walks and borders. Grows 12 to 15 inches high with 15 to 18 inch spread. Sensational.

SHOWPIECE P.A.F. Rich, sparkling royal rose with silver-mist centers and reverse. Huge flowers are full and shapely. Wonderful sprays and single blooms for cutting. Really superb in every way.

CHRYSANTHEMUM MAXIMUM, Shasta Daisy

	Per 10	Per 100
Alaska. Large white flowers. June to August. 2 ft.	\$ 1.40	\$ 12.00
Diener's Double White. Recent development of full, shaggy double flowers of glistening white. Hardy, robust grower. Early 2½ to 3 ft.	1.80	15.00
★ Diener's G. Marconi. New giant double, ever flowering.	1.80	15.00
Gluckstern. Giant white flowers. 2 ft.	1.40	12.00

PERENNIALS—Continued

COREOPSIS, Tickseed.

Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.	\$ 1.80	\$ 15.00
Mayfield Giant. Tall vigorous plants producing large individual flowers with broad petals, forming a perfect corolla, color is a beautiful shade of yellow.	1.40	12.00

DELPHINIUM ENGLISH HYBRIDS

BLACKMORE & LANGDON. 4 to 5 feet. Semi-double and double blooms in shades of blue, lavender, and purple.	1.80	15.00
WREXHAM GIANT STRAIN. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of the blue mauve and pink.	1.80	15.00

DELPHINIUM MISCELLANEOUS VARIETIES

BELLADONNA CLIVEDON BEAUTY. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 feet.	1.80	15.00
BELLAMOSA IMPROVED. A reselected strain of the standard deep blue.	1.80	15.00
SAPPHIRE. This fine strain is a hardy improved Formosum type, a shade lighter and brighter than Bellamosum with a golden bee. Possesses immense florets and is an excellent florist item.	1.80	15.00

DIANTHUS NEW CARNATIONS

Per 10 Per 100

Evangeline. In the best traditions of the pinks, this one is a large flowered, fully double, soft pink that is in bloom all summer.	\$ 3.00	\$ 25.00
June Carmine. A beautiful shade of bright carmine pink with the spicy fragrance of the old clove pinks. It has carnation like foliage. The flowers are fully double, on 12 to 15 inch stems.	2.90	25.00
Pink Princess. Introduced Spring, 1956. Develops into a plant over a foot across. Starts blooming in late April and for many weeks it is absolutely covered with dozens and dozens of the lovely fringed fragrant pink flowers.	2.90	25.00
Sweet Memory. Pure white, crimson maroon spots at center. Two-inch blooms fully double, compact and sturdy.	2.90	25.00

DIANTHUS GRENADIN CAROPHYLLUS

This is the hardest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stem. The finest of all varieties.

Per 10 Per 100

Golden Sun. Early flowering, very double, large clear yellow flowers.	\$ 1.80	\$ 15.00
King of Blacks. Deep maroon. Almost black.	1.80	15.00
Scarlet. Rich scarlet. Extra large flowering.	1.80	15.00
White. Clear white. Complete double. Extra fragrant.	1.80	15.00

DIANTHUS HEDDEWIGI

(Japanese Pinks)

Per 10 Per 100

Fireball. Very double deep scarlet, splendid.	\$ 1.80	\$ 15.00
Snowball. Large double pure white.	1.80	15.00

DIANTHUS—Continued

PERENNIALS—Continued

DIANTHUS PLUMARIS HARDY GARDEN PINKS

	Per 10	Per 100
★ Scoticus . Double. Special strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.	\$ 1.80	\$ 15.00
Semperflorens . (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.	1.40	12.00
Spring Beauty . (Semperflorens) Extra double Florist Strain mixed colors.	1.80	15.00

DIANTHUS

Barbatus, Old Fashioned Sweet Williams.

This is the Old Fashioned Sweet William, bearing flowers in great profusion in May and June. Excellent for cutting.

We offer these in the following varieties.

	Per 10	Per 100
Holborn Glory . Striking combination of crimson white eyes. 18 inches.	\$ 1.40	\$ 12.00
Nigricans . Very dark crimson flowers bronzy foliage.	1.40	12.00
Purple Beauty . Bright deep purple.	1.40	12.00
Splendens Pink Beauty . 18 inches.	1.40	12.00
White Beauty . 18 inches.	1.40	12.00

DICENTRA

	Per 10	Per 100
EXIMA (Fern Leaved Bleeding Heart.) Rose colored flowers produced all summer. 12 inches.	\$ 2.10	\$ 18.00
SPECTABILIS (Old Fashioned Bleeding Heart.) Graceful heart shaped flowers, rose pink. May-June. 1 to 2 feet. 3 to 5 eye plants.	4.50	40.00

EUPHORBIA

★ Polychroma . Its unusual combination of flowers and foliage, afterwards its beautifully colored seeds, does not escape anyone's attention. It makes a beautiful formal plant, growing about 1 ft. high, forming a hemispherical clump covered with lemon-yellow, rose shaped, flowers in May and June.	1.80	15.00
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FERNS , Hardy Outdoor (RG).	2.10	18.00
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Goldie's Wood. (Aspidium). Evergreen Variety. 2 ft.

Interrupted (Osmunda Claytoniana). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.

Maiden Hair (Spleenwort Asplenium Tricomannis). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.

Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pinnules. 2 to 3 ft.

GAILLARDIA, Blanket Flower (RG)

Burgundy . Shining deep wine red showing practically no yellow.	1.80	15.00
Dazzler . Large golden yellow and maroon flowers on strong wiry stems, 14 to 18 inches in length.	1.80	15.00
Grandiflora Yellow Queen . Yellow 2 ft.	1.80	15.00

GYPSOPHILA, Baby's Breath.

Paniculata Compacta . Pinkish white. July 2 ft.	1.20	10.00
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PERENNIALS—Continued

GYPSOPHILA—Continued

GYPSOPHILA

Per 10 Per 100

★**Perfecta.** Much improved form of Gypsophila Bristol Fairy.

This new introduction is a stronger grower and the flowers are very double and at least twice the size of Strong field grown grafts.....

\$ 4.50 \$ 40.00

Per 10 Per 100

★**Rosy Veil.** Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.....

\$ 2.90 \$ 25.00

HEMEROCALLIS

Per 10 Per 100

Flaming Sword. Deep firey-red, with an indescribable sheen. Very free flowering, and because it is low growing it looks like a small shrub when in full bloom.....

\$ 3.50 \$ 30.00

Ile de France. Fully ruffled, rosy wine petals with a deep purple eye zone and yellow mid-rib. The throat is deep green and the sepals yellow, heavily overcast old-rose. This Daylily has puzzled us all because it is a color break we have never found before. The flowers are 5 inches across. 2½ ft. June-July.....

3.50 30.00

Black Emperor. Blooms 5 inches across of a real dark red with a velvety texture that defies description. The throat is deep yellow. A most profuse bloomer. 4 ft. May-June.....

4.50 40.00

The Battle Cry. Deep red-purple with a rosy sheen, a color really hard to describe. The 4-inch bloom is most profuse, opens full, and is one of the best in its color class. 2½ ft. June.....

4.00 35.00

OLD FASHIONED KITCHEN HERBS

Per 10 Per 100

Chives. Wild Onion. Finely chopped leaves give a delicious flavor to salads.....

\$ 1.40 \$ 12.00

Horseradish. A condiment used in seasoning meats.

3 inch cuttings.....

.40 3.50

Crowns......

.75 6.50

Sage. Old Fashioned. Used for seasoning sausages and dressing.

1.40 12.00

BLUE HYDRANGEA

Large flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about one tablespoon per plant, of aluminum sulphate.

Per 10 Per 100

2 year, dormant plants.....

\$ 6.00 \$ 50.00

Blue Prince

French Blue

Domotol (15¢ higher per plant)

Gertrude Glahn

PERENNIALS—Continued

IRIS

IRIS VESPER

	Per 10	Per 100
Dichotomah (August or Vesper Iris.) Fragrant flowers on tall branching sprays. From July to September. Cream to violet-purple markings of various colors.	\$ 1.40	\$ 12.00

LATHYRUS LATIFOLIUS, Perennial or Everlasting Pea.

This lovely trailing plant blooms all summer. In separate colors. Crimson King. Rose Queen. White Queen.	1.40	12.00
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LINUM, Hardy Flax.

Perenne Alba. White variety.	1.40	12.00
Perenne Blue. An attractive, bushy plant with pretty pale blue flowers during June and July.	1.40	12.00

LYCHNIS, Champion (RG)

Chalcedonica (Maltese Cross) , vivid scarlet flowers. 36 inches ..	1.80	15.00
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LYTHRUM

★ Dropmore Purple. Blooms continuously from June to September. The very showy, fuchsia-purple spikes have no trace of magenta. Grows to a height of 3 to 4 feet.	2.10	18.00
★ Prolific. An established plant will produce 20 or more upright flower spikes about 30 inches tall. The flowers are best described as Persian-rose, clearer in color than the other varieties. They are excellent for cutting. The plant thrives well in wet soil.	2.10	18.00

MYOSOTOS.

Palustris Semperflorens. 8 inches. Bright blue — Ideal for moist shady places, for your rock gardens or border. Blooms all summer.	1.40	12.00
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PACHYSANDRA TERMINALIS

Ground covering plant, averaging 6-8 inches in height and branching freely into a dense mat. Practically evergreen. Splendid for steep slopes in the shade and for dense shade under any kind of tree. Well established 2 year, 3 inch pot plants.	2.40	20.00
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PENTSTEMON, Beard Tongue, Hardy.

★ Pink Beauty. Color is a lovely clean shell-pink. A charming cut flower; one of the outstanding new and good plants. Flower spikes 30 in.	2.10	18.00
Rose Elf. An outstanding new hardy Pentstemon of the Barbatus type, produces masses of blooms on 2 or 3 feet stems. The color is a lovely coral pink. Blooms in June and July.	2.10	18.00

PERENNIALS—Continued

PHLOX

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. These Phlox that we are offering are strong one year field grown plants. Shipment can be made any time after the 15th of October.

	Per 10	Per 100
Apple Blossom. One of the loveliest of all the pastel shades. Soft apple-blossom pink, 2-2½ inch florets. 2½-3 feet tall.....	\$ 1.80	\$ 15.00
Caroline Vandenberg. Large clear lavender blue clusters with big florets.	2.10	18.00
Cinderella. Rose-pink with very small darker eye, practically a self colored pink, compact grower.....	2.10	18.00
E. J. Farrington. Salmon-pink with deep rosy-red blush. Excellent for cutting. 24 inches.....	1.80	15.00
Elizabeth Arden. A fine phlox, particularly desirable because of its free flowering qualities. Heavy bloom trusses are soft pink with a pale pink ring around the red eye. Grows about 24 to 30 inches high.....	2.10	18.00
Eva Forester. (Also Known as Salmon Beauty.) Giant bright salmon rose flowers with light centers. 10 inches tall.....	1.80	15.00
Hauptman Koehl. Dark blood-red. Very large.	2.10	18.00
Lynette. The flowers are produced on tall stem in well formed panicles. The color is glowing salmon-pink with outstanding effectiveness. An early and continuous bloomer.	2.10	18.00
Pink Charm. Bright clear pink with a scarlet sheen, many flowering branches. Medium height.....	1.80	15.00
Prime Minister. Extra large florets of clean white with violet eye the best of the bi-colored whites.....	1.80	15.00
Rosy Blue. Soft lavender-blue with delicate pink undertones. Never a sign of objectionable purple or violet tinting. The florets are large and grow in fine big clusters.	2.10	18.00
Ruby Lee. Extra large plum-red flowers. Medium height.	2.10	18.00
Salmon Glow. Lively flame-pink with salmon shades, softened with lilac and white at the center, the effect being rich salmon....	1.80	15.00
Tenor. A bright red only 2 ft. high, blooms very early.	2.10	18.00

PHLOX SUBULATA, Moss or Mountain Pinks

An early spring flowering type with pretty mosslike, evergreen foliage, which during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, are invaluable for carpeting the ground.

	Per 10	Per 100
Atropurpurea. The same habit of growth as the well known Phlox Subulata Rosea. The flowers are deep carmine-red making a most brilliant display.....	\$ 1.80	\$ 15.00
★ Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2.10	18.00
Rosea. Rose-pink. Fine for covering banks, thrives in hot dry situations, and blooms profusely.....	1.80	15.00
Vivid. Bright pink with darker eye. Very lovely.	2.10	18.00
White Cushion. A vigorous grower. Pure white.	1.80	15.00

PERENNIALS—Continued

	Per 10	Per 100
PLATYCODON, Balloon Flower (RG)		
Mariesi Blue. A beautiful dwarf species, with broad, thick foliage and large, deep violet-blue flowers on 12-inch stems in great profusion throughout the entire summer. Plant in front of the border or in the rock garden.	\$ 1.80	\$ 15.00
PLUMBAGO		
Larpentae. One of the most desirable border and rock plants. It is a dwarf spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during late summer and fall.	2.10	18.00
PYRETHRUM, Painted Daisy (RG)		
★ James Kelway. Bright vermilion red with yellow center. Very showy. Excellent cut flower.	1.80	15.00
Robinson's Dark Crimson. Single, large, disk-like flowers of rich crimson-red. Grows well and flowers freely. A favorite with florists for cutting.	1.80	15.00
SEDUM, Stone Crop or Live Forever (RG)		
America's Greatest Rock Plant. Thick glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
Album. Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches.	2.10	18.00
Kamtschaticum. Orange-yellow flowers with prostrate green foliage turning golden in autumn.	2.10	18.00
Spectabile Brilliant. Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches.	2.10	18.00
Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.	2.10	18.00
Spurium Dragon's Blood. A real gem for the rock garden, dry walls and flagging. Reddish-bronze dense foliage only 2" high in solid clumps. The dark carmine red flowers set just above the foliage from late June until October.	2.10	18.00
Spurium Roseum. Purplish-red. July and August. 6 inches.	2.10	18.00
STOKESIA, Cornflower Aster.		
Blue Danube. New, a very free blooming variety with large lavender blue flowers during early summer months. Compact, bushy growth with many blooms. 18 inches high.	2.50	22.00
★ Blue Moon. Large and free flowering. Perfectly hardy. Vivid blue disk-like flowers. Blooms throughout summer and autumn. Flowers five or six inches in diameter. 12 to 18 in. tall.	2.10	18.00
TEUCRIUM Chamaedrys. Newly popular perennial hedge. Shiny, glossy, evergreen leaves resembling a dwarf Boxwood. Used as an edging for beds or in your formal garden. Can be clipped to suit and height up to 12 inches.	2.10	18.00
TRITOMA, Kniphofia, Red Hot Poker (RG)		
This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.		
★ Gold Mine. Soft amber tinted gold is the color of this fine hybrid. The flower spikes are 30 in., 10 or more on one plant. Blooms from July to Sept. Its stateliness and coppery color effect makes it outstanding in the garden.	2.40	20.00
Pfitzeriana. This is the genuine Red Hot Poker. Rich orange-scarlet blooms on stems 3 feet high. Must be grown from divisions. August to October.	1.80	15.00

PERENNIALS—Continued

TRITOMA—Continued

	Per 10	Per 100
★ Primrose Beauty. The spotless primrose-yellow spikes are unique for their grace as well as their delightful color. The spikes are 30 inches tall, lending an unusual charm to the border. June-July.	\$ 2.40	\$ 20.00
★ VERBASCUM, Cotswold Queen. An outstanding and beautiful plant for the border, blooming from July until the end of September. Its numerous flower spikes rise to a height of 4 feet and are covered with soft amber colored flowers with sparkling purple centers.	2.10	18.00
VERONICA, Speedwell (RG)		
★ Crater Lake Blue. Long airy spikes like the blue spires of fairyland. A sure touch of cool blue for the border. Plants grow 20 inches tall, do well in either full sun or partial shade.	2.10	18.00
YUCCA FILAMENTOSA		
Creamy yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July.	2.90	25.00
2 year transplants, heavy.		

SPRING BULBS

LILIES

Our production of Hardy Lilies has been increased considerably in the last few years. Most of our Lilies are grown here at Shenandoah. Sizes specified indicate circumference of bulb. All of our bulbs are flowering size.

	Per 10	Per 100
AURATUM. The Gold Banded Lily. For size of bloom, number of flowers and fragrance, there is no equal. When this lily is established, stems from 4 to 6 feet with 5 to 15 flowers appear in late August and September. Wax-like with a band of gold from petal tip to throat with crimson spots.	\$ 2.40	\$ 20.00
7 to 9 inches.		
ELEGANS ATROPURPUREUM. Deep red shaded crimson, large flowers. Splendid for bedding. Height 12 to 15 inches. Blooms in June. Plant 4 to 5 inches deep.	2.10	18.00
5 to 7 inches.		
ESTATE. Large, fragrant pure white flowers. Blooms mid-summer. Medium height.	3.00	25.00
6 to 7 inches.		
HENRYII. (The Golden Speciosum). Flowers Golden Yellow, 5 to 6 inches tall. Blooms in Aug. and Sept. Plant 8 to 10 inches deep.	2.40	20.00
6 to 8 inches.		
SPECIOSUM RUBRUM. White back-ground, pink dots and shading of pink to carmine. Blooms in Sept. Grows 3 to 5 feet tall. Plant 6 to 8 inches deep.	2.90	25.00
6 to 8 inches.		
TENUIFOLIUM. (Coral Lily). Bright Cherry Red blossoms. Some times called the gayest of red Lilies. Height 12 to 24 inches. Blooms in June. Plant 4 to 5 inches deep.		
No. 1 flowering size.	1.00	8.00
No. 2 flowering size. ....	.70	6.00

MISCELLANEOUS BULBS

	Per 10	Per 100
TUBEROSES (RG), Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August.		
No. 1 size.	\$.80	\$ 7.50

BOXING CHARGES

30x30x14	\$8.50	24x24x14	\$7.50	20x20x8	\$4.50
30x30x12	8.00	24x24x12	7.00	20x20x7	3.75
30x30x10	7.00	24x24x10	6.00	20x20x6	3.50
30x30x8	6.00	24x24x8	5.50	20x20x5	3.25
30x30x7	5.25	24x24x7	4.75	20x20x4	3.00
30x30x6	5.00	24x24x6	4.50		
30x30x5	4.50	24x24x4	3.50	16x16x12	4.50
30x30x4	3.50			16x16x10	4.25
		20x30x10	5.50	16x16x8	4.00
24x30x12	7.00	20x20x12	5.50	16x16x6	3.50
24x30x10	6.50	20x20x10	5.00	16x16x5	3.00

CORRUGATED BOXES

No. 6 — 48x20x20	\$1.25	No. 8 — 36x16x20	\$.85
No. 11 — 32x15x15	.50	No. 42 — 78x20x20	2.75

Certified Quality BULBS IN DECORATIVE BOXES

Size of Glad Box—10" x 3" x 2"

Size of other Boxes—9" x 4½" x 2½"

Picture and Label in 6 lovely colors on attractive Box in 3 colors.

DAHLIAS

3 Tubers per Box

PRICE — \$65.00 per 100 Boxes

Each Tuber is wrapped in waxed tissue and labeled.

No. 700	AVALON—canary yellow
	JERSEY BEAUTY—clear pink
	CRIMSON KING—rich red
No. 701	JANE COWL—coppery yellow
	GALLANT FOX—scarlet
	WHITE KING—white
No. 702	ROSE GLORY—orchid pink
	SULTAN OF HILLCREST — yellow
	RED BEAUTY—dark red
No. 703	RUBY TAYLOR—carmine red
	PINK LADY—rich pink
	GOLDEN GODDESS—yellow
No. 704	FAIRY—vivid pink Pom Pon
	CATHERINE—yellow Pom Pon
	BOBBY—rich red Pom Pon

CASE NO. AD—\$32.50 per Case.

50 Boxes Assorted Varieties

OTHER BULBS

Per
100
Boxes

3 Bulbs per Box

\$55.00	754	Tuberose (4 Blubs per Box)
55.00	747	Red Devil Lily
55.00	751	Henryi Lily
65.00	749	Rubrum Lily
65.00	750	Auratum Lily

GLADIOLUS

10 No. 1 Bulbs per Box

PRICE — \$55.00 per 100 Boxes

No. 715	MIXED COLORS
No. 716	RED DRAGON—dark red
No. 717	RED PHIPPS—bright red
No. 718	GOLDEN CHIMES—yellow
No. 719	WINGS OF SONG—pink
No. 720	MINUET—lavender
No. 721	WHITE GOLD—creamy white

CASE No. AG—\$27.50 per Case.

50 Boxes Assorted Varieties.

HOW TO ORDER

Order each Group in multiples of 50 Boxes—i.e., 50 Boxes of Dahlias, 50 Boxes of Gladiolus, 50 Boxes of Lilies, etc. Individual numbers should be ordered in multiples of 10—i.e., 10 No. 700, or 20 702, etc. For an assortment of the best selling numbers in Dahlias, Cannas, or Glads, order the Assorted Cases offered above. May be shipped Rail or Truck Freight after danger of freezing in transit is past; but, Express shipment is recommended.

